React Native By Example Native Le Development With React | 6a92f50e9fdf25d2a478d96c30316dd1

Practical React Native

Develop native iOS and Android apps with ease using React Native. Learn by doing through an example-driven approach, and have a substantial running app at the end of each chapter. This second edition is fully updated to include ES7 (ECMAScript 7), the latest version of React Native (including Redux), and development on Android. You will start by setting up React Native and exploring the anatomy of React Native apps. You'll then move on to Redux data flow, how it differs from flux, and how you can include it in your React Native project to solve state management differently and efficiently. You will also learn how to boost your development by including popular packages developed by the React Native community that will help you write less; do more. Finally, you’ll learn to how write test cases using Jest and submit your application to the App Store. React Native challenges the status quo of native iOS and Android development with revolutionary components, asynchronous execution, unique methods for touch handling, and much more. This book reveals the the path-breaking concepts of React.js and acquaints you with the React way of thinking so you can learn to create stunning user interfaces. What You’ll Learn Build stunning iOS and Android applications Understand the Redux design pattern and use it in your project Interact with iOS and android device capabilities such as addressbook, camera, GPS and more with your apps Test and launch your application to the App Store Who This Book Is For Anyone with JavaScript experience who wants to build native mobile applications but dreads the thought of programming in Objective-C or Java. Developers who have experience with JavaScript but are new or not acquainted to React Native or ReactJS.

Learning React Native

Leverage the full potential of the React Native framework to build and deploy your own native mobile applications for iOS and Android About This Book Work on native APIs and UI Elements using React Native Get the best of both worlds: the power of native approach and the fluidity of JavaScript Create increasingly complex real-world applications and dive deeper into React Native Who This Book Is For If you are keen on learning to use the revolutionary mobile development tool React Native to build native mobile applications, then this book is for you. Prior experience with JavaScript would be useful. What You Will Learn How to create mobile-performant iOS and Android apps using JavaScript and React The potential of each API and component, putting them into practice throughout the course of three projects The process of integrating the Facebook SDK to build an app that
connects to third-party data Every step taken to implement Redux, a popular state management library, in your mobile apps The requirements for building and deploying your apps to market, with detailed instructions on how to release and beta test apps on both the Apple App Store and Google Play In Detail React Native's ability to build performant mobile applications with JavaScript has resulted in its popularity amongst developers. Developers now have the luxury to create incredible mobile experiences that look and feel native to their platforms with the comfort of a well-known language and the popular React.js library. This book will show you how to build your own native mobile applications for the iOS and Android platforms while leveraging the finesse and simplicity of JavaScript and React. Throughout the book you will build three projects, each of increasing complexity. You will also link up with the third-party Facebook SDK, convert an app to support the Redux architecture, and learn the process involved in making your apps available for sale on the iOS App Store and Google Play. At the end of this book, you will have learned and implemented a wide breadth of core APIs and components found in the React Native framework that are necessary in creating great mobile experiences. Style and approach Start building applications immediately using featured examples through an easy-to-follow approach. The book is based on three concrete projects with increasing levels of difficulty. Each chapter will introduce you to new and practical concepts and techniques, with the intent that you will be able to apply them in your own projects later.

Rapid Application Development with AWS Amplify

Get a practical introduction to React Native, the JavaScript framework for writing and deploying fully featured mobile apps that render natively. The second edition of this hands-on guide shows you how to build applications that target iOS, Android, and other mobile platforms instead of browsers—apps that can access platform features such as the camera, user location, and local storage. Through code examples and step-by-step instructions, web developers and frontend engineers familiar with React will learn how to build and style interfaces, use mobile components, and debug and deploy apps. You'll learn how to extend React Native using third-party libraries or your own Java and Objective-C libraries. Understand how React Native works under the hood with native UI components Examine how React Native’s mobile-based components compare to basic HTML elements Create and style your own React Native components and applications Take advantage of platform-specific APIs, as well as modules from the framework’s community Incorporate platform-specific components into cross-platform apps Learn common pitfalls of React Native development, and tools for dealing with them Combine a large application’s many screens into a cohesive UX Handle state management in a large app with the Redux library

Seven Mobile Apps in Seven Weeks

Improve your React Native mobile development skills and transition from web to mobile development with this solution-packed guide Key Features Learn strategies and techniques to face React Native mobile development challenges head-on Explore ways to use iOS and Android for React Native development to maximize code reuse and cohesion Build engaging user experiences with React Native Book Description If you are a developer looking to create mobile applications with maximized code reusability and minimized cost, React Native is what you need. With this practical guide, you’ll be able to build attractive UIs, tackle common problems in mobile development, and achieve improved performance in mobile environments. This book starts by covering the common techniques for React Native customization and helps you set up your development platforms. Over the course of the book, you’ll work through a wide variety of recipes that help you create, style, and animate your apps with built-in React Native and custom third-party components. You’ll also develop real-world browser-based authentication, build a fully functional audio player, and integrate Google Maps in your apps. This book will help you explore different strategies for working with data, including leveraging the popular Redux library and optimizing your app’s dataflow. You’ll also learn how to write native device functionality for new and existing React Native projects and how app deployment works. By the end of this book,
you'll be equipped with tips and tricks to write efficient code and have the skills to build full iOS and Android applications using React Native. What you will learn Build UI features and components using React Native Create advanced animations for UI components Develop universal apps that run on phones and tablets Leverage Redux to manage application flow and data Expose both custom native UI components and application logic to React Native Employ open source third-party plugins to create React Native apps Who this book is for If you're a JavaScript developer looking for a practical guide for developing feature-rich mobile apps using React Native, this book is for you. Though not necessary, some experience of working with React will help you understand the React Native concepts covered in this book easily. While React Native development can be done on a Windows machine, certain aspects, such as running your apps on iOS devices and in the iOS simulator, or editing native code with Xcode, can only be done with a Mac.

**React and React Native**

Get to grips with the AWS Amplify framework and use it to build scalable cloud-native progressive web apps with React and cross-platform mobile apps with React Native in TypeScript Key Features Explore the capabilities of AWS Amplify with popular app frameworks for both web and mobile app platforms Build your first cloud-native web and mobile applications using AWS Amplify Leverage AWS Amplify to design GraphQL APIs for your web and mobile applications Book Description AWS Amplify is a modern toolkit that includes a command line interface (CLI); libraries for JS, iOS, and Android programming; UI component libraries for frameworks like React, Angular, and Vue.js for web development, and React Native and Flutter for mobile development. You'll begin by learning how to build AWS Amplify solutions with React and React Native with TypeScript from scratch, along with integrating it with existing solutions. This book will show you the fastest way to build a production-ready minimum viable product (MVP) within days instead of years. You'll also discover how to increase development speed without compromising on quality by adopting behavior-driven development (BDD) and Cypress for end-to-end test automation, as well as the Amplify build pipeline (DevOps or CI/CD pipeline) to ensure optimal quality throughout continuous test automation and continuous delivery. As you advance, you'll work with React to determine how to build progressive web apps (PWAs) with Amplify and React Native for cross-platform mobile apps. In addition to this, you'll find out how to set up a custom domain name for your new website and set up the AWS Amplify Admin UI for managing the content of your app effectively. By the end of this AWS book, you'll be able to build a full-stack AWS Amplify solution all by yourself. What you will learn Build React and React Native apps with Amplify and TypeScript Explore pre-built Amplify UI components for rapid prototyping Add user management with Amplify authentication to your app Use Amplify GraphQL to create a blog post Discover how to upload photos to Amplify Storage Enable DevOps with the Amplify pipeline for your app Get to grips with BDD and test automation with Cypress and Cucumber Set up a custom domain name for your website and manage app content with the Amplify Admin UI Who this book is for This book is for developers and tech companies looking to develop cloud-native products rapidly with the AWS ecosystem. Web and mobile developers with little-to-no experience in TypeScript programming will also find this book helpful. Although no prior experience with AWS or TypeScript is required, basic familiarity with modern frameworks such as React and React Native is useful.

**React Quickly**

Tackling an app development project on multiple platforms is no simple task. When time is in short supply and customers need access from the tap of a home screen, React Native can provide a lean development team with the tools needed to deliver a multi-platform native experience without juggling multiple programming languages and shifting code bases. React Native is an emerging technology and best practices are only beginning to bubble up. Fortunately, a growing user community—from tech giants such as Facebook, Yahoo, and Airbnb to the independent developers—is hard at work codifying patterns and best
practices for how to use React Native. This cookbook is another milestone on that journey. Aimed at people with some JavaScript and web development experience, the first part of this cookbook covers some simple tips for getting started with React Native. Part 2 will cover some emerging patterns that are commonly found in most native applications.

**Mastering React Native Development**

Summary React Quickly is for anyone who wants to learn React.js fast. This hands-on book teaches you the concepts you need with lots of examples, tutorials, and a large main project that gets built throughout the book. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Successful user interfaces need to be visually interesting, fast, and flowing. The React.js JavaScript library supercharges view-heavy web applications by improving data flow between UI components. React sites update visual elements efficiently and smoothly, minimizing page reloads. React is developer friendly, with a strong ecosystem to support the dev process along the full application stack. And because it's all JavaScript, React is instantly familiar. About the Book Book React Quickly is the tutorial for web developers who want to get started fast with React.js. Following carefully chosen and clearly explained examples, you’ll learn React development using your existing JavaScript and web dev skills. You’ll explore a host of different projects as you learn about web components, forms, and data. What’s Inside Master React fundamentals Build full web apps with data and routing Test components Optimize React apps About the Reader This book is for developers comfortable building web applications with JavaScript. About the Author Azat Mardan is a Tech Fellow at Capital One with extensive experience using and teaching JavaScript and Node, and author of several books on JavaScript, Node, React, and Express.

**React: Cross-Platform Application Development with React Native**

Do you want to make applications for Android and iOS? Are you a developer who is bored of writing code for both Android and iOS? In this series of books we will overcome the problem of having to write code for Android and iOS by using React Native. React Native is a framework developed by Facebook for creating native-style apps for iOS & Android under one common language, JavaScript. Initially, Facebook only developed React Native to support iOS. However with its recent support of the Android operating system, the library can now render mobile UIs for both platforms. Why React Native? Not only react native allows you to create cross platform applications but react native also makes updating apps simple through over-the-app updates. Over the air update in react native is achieved through technologies such as CodePush with a few lines of code. Armed with React Native you’ll finally be able to make apps of your choice in no time and I’m glad to show you what React Native can do through this series of books. In this book we will learn the core concepts of Javascript to help us with our React Native Journey.

**Lightning-Fast Mobile App Development with Galio**

Harness the power of React Native to build 4 real-world apps Key Features Build quirky and fun projects from scratch and become efficient with React Native Learn to build
professional Android and iOS applications using your existing JavaScript knowledge. Use isomorphic principles to build mobile apps that offer a native user experience. Embedded with assessments that will help you revise the concepts you have learned in this course.

**Book Description**

React Native helps web and mobile developers to build cross-platform apps that perform at the same level as any other natively developed app. The range of apps that can be built using this library is huge. From e-commerce to games, React Native is a good fit for any mobile project due to its flexibility and extendable nature. This project-based book consists of four standalone projects. Each project will help you gain a sound understanding of the framework and build mobile apps with native user experience.

Starting with a simple standalone car booking app, you will progressively move on to building advanced apps by adding connectivity with external APIs, using native features, such as the camera or microphone, in the mobile device, integrating with state management libraries such as Redux or MobX, or leveraging React Native’s performance by building a full-featured game. This book is ideal for developers who want to build amazing cross-platform apps with React Native. This book is embedded with useful assessments that will help you revise the concepts you have learned in this book.

**What you will learn**

- Structure React Native projects to ease maintenance and extensibility
- Optimize a project to speed up development
- Make a React Native project production-ready
- Use external modules to speed up the development and maintenance of your projects
- Explore the different UI and code patterns to be used for iOS and Android
- Get to know the best practices when building apps in React Native

**Who this book is for**

This book is for developers who want to build amazing cross-platform apps with React Native.

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**Hand-On Design Patterns with React Native**

Develop real world Android and iOS applications with the power of React native. About This Book

Build quirky and fun projects from scratch and become efficient with React Native. Learn to build professional Android and iOS applications with your JavaScript skills. Use Isomorphic principles to build mobile apps that offer a native user experience. Who This Book Is For

This book is for developers who want to use their JavaScript knowledge for mobile development. Prior knowledge of React will be beneficial. What You Will Learn

- Structure React Native projects to ease maintenance and extensibility
- Optimize a project to speed up development
- Make a React Native project production-ready
- Use external modules to speed up the development and maintenance of your projects
- Explore the different UI and code patterns to be used for iOS and Android
- Get to know the best practices when building apps in React Native

In Detail

Considering the success of the React framework, Facebook recently introduced a new mobile development framework called React Native. With React Native’s game-changing approach to hybrid mobile development, you can build native mobile applications that are much more powerful, interactive, and faster by using JavaScript. This project-based guide takes you through eight projects to help you gain a sound understanding of the framework and helps you build mobile apps with native user experience. Starting with a simple standalone groceries list app, you will progressively move on to building advanced apps by adding connectivity with external APIs, using native features, such as the camera or microphone, in the mobile device, integrating with state management libraries such as Redux or MobX, or leveraging React Native’s performance by building a full-featured game. This book covers the entire feature set of React Native, starting from the simplest (layout or navigation libraries) to the most advanced (integration with native code) features. By the end of this book, you’ll be able to build professional Android and iOS applications using React Native. Style and approach

This project-based guide consists of 8 projects. Each project is a standalone project that covers the core techniques and concepts in each project. Downloading the example code for this book. You can download the example code files for all Packt books you have purchased from your account at http://www.PacktPub.com. If you purchased this book elsewhere, you can visit http://www.PacktPub.co

**Hybrid Mobile App Development (React Native) Level 2**
Your go-to guide to creating truly native iOS and Android mobile applications using React and JavaScript

About This Book
* Build cross-platform best seller native mobile applications in JavaScript with React-Native framework
* Learn about real world examples like Whatsapp, Instagram or Twitter.
* Learn all steps in React Native application development workflow from prototyping to deployment
* Get familiar with various mobile APIs covered in React Native framework and learn how to extend it further to non-supported APIs

Who This Book Is For
This book is for JavaScript developers who want to learn how to create native mobile apps using React Native.

What You Will Learn
* Understand how React Native works under the hood and what makes it an ultimate choice for app development for lots of businesses.
* Create real world native apps with complex animations and styles
* Get familiar with important iOS and Android native APIs and access them using React Native
* Learn authentication techniques and how to connect your app to a real data by using Firebase or your own server
* Get familiar with lots of community packages considered as industry standard
* Walk through the whole app development workflow by creating Twitter app clone from design to deployment
* Understand application release process to the Apple App Store and Google's Play Store

Detail
The emergence of React Native has made creating mobile apps in JavaScript easier for developers. This book introduces you to the React Native framework and the mobile apps development process. It starts with how React Native fits into the world of hybrid apps, and why it's a popular framework. You'll learn how React Native works under the hood--compiling JavaScript to native code to bridge JavaScript and native apps. Also, you'll learn how to write React Native components and use the ReactJS way of structuring your app. Understand how to use the industry standard Redux architecture as well as how to connect your app to a real data by using Firebase or your own server.

Native Mobile Development
Master React Native with Fullstack React Native
The up-to-date, in-depth, complete guide to React Native. Create beautiful mobile apps with JavaScript and React Deliver high quality mobile apps, at light speed. Building the same app in both Swift and Java is time-consuming. With React Native, you can release a native app on both iOS and Android from a single codebase. Do you or your team already know JavaScript? Leverage your existing knowledge to build world class mobile applications. The React Native ecosystem is evolving fast. Get started on the right foot. With such an active community and so many updates, it feels impossible to know what's best and what's just noise. We cover the latest React Native version and best practices so you can develop with confidence.

What You'll Build
When you buy Fullstack React Native, you're not buying just a book, but dozens of code examples. Every chapter in the book comes with a complete project that uses the concepts in the chapter and provides support for both iOS (including iPhone X screens) & Android.

A Weather App - Get your feet wet with React Native by building a weather app allows the user to input their location and grabs weather data from a third party API.

A Time Tracker - Brush up on your core React knowledge and build a time tracking app.

A Messaging App - Understand how to use the core React Native APIs like Geolocation, CameraRoll, Keyboard, NetInfo and much more through completing a messaging app.

An Instagram Clone - Learn how to style your app, manage user input, add comments and display photos from
Unsplash A Contacts App - Learn how to use Navigation: a major piece of any mobile application with multiple screens A Puzzle Game - Learn how to achieve smooth animations that render at 60 frames-per-second (fps) FAQ

How long is the book? The book has 11 chapters totaling 670 pages, several sample apps totaling over 1000+ lines of code (JavaScript/JSX, non-comment lines). Do I have to know React? Nope! We've written the book so that it can be used even if you aren't familiar with React. Although, if you'd like to learn React in depth, checkout our other book Fullstack React Do I have to know JavaScript? Yes, we assume you know the basics of the language. But you don't need to be completely up-to-date: we teach the latest language features in case you're not familiar with them. However, this book teaches React Native from the ground up and you can use it even if you've never written a mobile app before.

React Native Blueprints

Develop native iOS and Android apps with ease using React Native. Learn by doing through an example-driven approach, and have a substantial running app at the end of each chapter. This second edition is fully updated to include ES7 (ECMAScript 7), the latest version of React Native (including Redux), and development on Android. You will start by setting up React Native and exploring the anatomy of React Native apps. You'll then move on to Redux data flow, how it differs from flux, and how you can include it in your React Native project to solve state management differently and efficiently. You will also learn how to boost your development by including popular packages developed by the React Native community that will help you write less; do more. Finally, you'll learn to how write test cases using Jest and submit your application to the App Store. React Native challenges the status quo of native iOS and Android development with revolutionary components, asynchronous execution, unique methods for touch handling, and much more. This book reveals the the path-breaking concepts of React.js and acquaints you with the React way of thinking so you can learn to create stunning user interfaces. What You'll Learn Build stunning iOS and Android applications Understand the Redux design pattern and use it in your project Interact with iOS and Android device capabilities such as addressbook, camera, GPS and more with your apps Test and launch your application to the App Store Who This Book Is For Anyone with JavaScript experience who wants to build native mobile applications but dreads the thought of programming in Objective-C or Java. Developers who have experience with JavaScript but are new or not acquainted to React Native or ReactJS.

React Native

Go beyond the basics and become an expert in React Native! About This Video Learn advanced concepts such as animations and state management with real-world examples Each section is built upon the last, allowing you to learn skills that are related and practical. No more to-do lists or calculators for you The most up-to-date course, uses latest versions of React and will let you create an entire app with the latest and greatest packages In Detail React Native has changed the way people develop Android and iOS apps. Many people are able to understand the basics, but not everyone has been able to take it to the next step; that's where this course comes in. If you are having trouble getting your React Native app to the next level, you've come to the right place. This course will show you how to make an Apple and Android app (without any Java, Objective-C or Swift coding skills) that are production-ready and perform as amazingly as any native app should. This course is the guide the author wishes had existed when he first explored advanced React Native concepts. Step-by-step walkthroughs applied to high-level topics will make it easy for you to follow along. You'll begin by installing and implementing Redux. Once you familiarize yourself with Third Party API Integration, you'll learn to optimize data flowing through the Redux store. Make your mobile application feel and look better with advanced animations. By learning to re-create the swiping cards concepts from apps like Tinder and Bumble, understand how to include remote and local notifications to grasp your user's attention. By the end of the video series, you'll be a master of React Native and confident enough to deploy apps to your customers. Also, you'll be able develop React Native apps
with ease, and you'll be your team's focal point when it comes to architecting complete React Native solutions for large businesses. Downloading the example code for this course:
You can download the example code files for this course on GitHub at the following link: https://github.com/PacktPublishing/Mastering-React-Native-Development. If you require support please email: customercare@packt.com.

React and React Native

Discover how to use React Native in the real world, from scratch. This book shows you what React Native has to offer, where it came from, and where it's going. You'll begin with a solid foundation of practical knowledge, and then build on it immediately by constructing three different apps. You'll learn how to use each feature of React Native by working on two full projects and one full game. These aren't just simple React Native Hello World examples (although you'll naturally start there!) but are apps that you can, if you so choose, install on your mobile devices and use for real. Throughout this book, you'll gain real-world familiarity with React Native as well as supporting components from Expo, NativeBase, React Navigation and the Redux and Lodash libraries. You'll also build server-side code for a mobile React Native app to talk to using the popular Node.js and Socket.io library, providing you a holistic view of things even beyond React Native. And, you'll see many helpful tips, tricks and gotchas to watch out for along the way! Practical React Native offers practical exercises that will give you a solid grasp of building apps with React Native, allowing you to springboard into creating more advanced apps on your own. Creating a game with React Native will allow you to see a whole other perspective on what React Native can do. What You'll Learn Master the basics of React Native Create a logically structured project Review interface elements, such as widgets, controls, and extensions Build layouts Work with Expo, an open source toolchain Who This book Is For The primary audience is mobile developers and anyone looking to build for multiple mobile platforms and trying to do so with a codebase that is largely the same across all. Readers will need a decent foundation, but not necessarily be experts in, HTML, CSS, and JavaScript, but I'll assume little beyond that.

React Native Blueprints

Perhaps no other symbol has more resonance in African American history than that of “40 acres and a mule”—the lost promise of Black reparations for slavery after the Civil War. In I've Been Here All the While, we meet the Black people who actually received this mythic 40 acres, the American settlers who coveted this land, and the Native Americans whose holdings it originated from. In nineteenth-century Indian Territory (modern-day Oklahoma), a story unfolds that ties African American and Native American history tightly together, revealing a western theatre of Civil War and Reconstruction, in which Cherokee, Choctaw, Chickasaw, Creek, and Seminole Indians, their Black slaves, and African Americans and whites from the eastern United States fought military and rhetorical battles to lay claim to land that had been taken from others. Through chapters that chart cycles of dispossession, land seizure, and settlement in Indian Territory, Alaina E. Roberts draws on archival research and family history to upend the traditional story of Reconstruction. She connects debates about Black freedom and Native American citizenship to westward expansion onto Native land. As Black, white, and Native people constructed ideas of race, belonging, and national identity, this part of the West became, for a short time, the last place where Black people could escape Jim Crow, finding land and exercising political rights, until Oklahoma statehood in 1907.

React Native Cookbook

Enhance the performance of your applications by using React and adding the Progressive web app capability to it About This Book Bring the best of mobile sites and native apps to your users with progressive web applications Create fast, reliable, and engaging PWAs with React and Firebase Create high-performance applications even with low connection speeds
by leveraging modern web technologies. This book is for JavaScript Developers who want to develop high performance Web User Interfaces. This book requires basic knowledge of HTML, CSS, and JavaScript. What You Will Learn: Set up Webpack configuration, as well as get the development server running. Learn basic Firebase configuration and deployment. Create routes, manage multiple components, and learn how to use React Router v4 to manage the flow of data. Use React life cycle methods to load data. Add a service worker to the app and learn how it works. Use a service worker to send Push Notifications. Configure Webpack to split up the JavaScript bundle and lazy load component files. Learn how to use the web Cache API to use your app offline. Audit PWAs with Google’s Lighthouse tool. In Detail: For years, the speed and power of web apps has lagged behind native applications. Progressive Web Apps (PWAs) aim to solve this by bridging the gap between the web apps and native apps, delivering a host of exciting features. Simultaneously, React is fast becoming the go-to solution for building modern web UIs, combining ease of development with performance and capability. Using React alongside PWA technology will make it easy for you to build a fast, beautiful, and functional web app. After an introduction and a brief overview of the goals of PWAs, the book moves on to setting up the application structure. From there, it covers the Webpack build process and the process of creating React components. You’ll learn how to set up the backend database and authentication solution to communicate with Firebase and how to work with React Router. Next, you will create and configure your web app manifest, making your PWA installable on mobile devices. Then you’ll get introduced to service workers and see how they work as we configure the app to send push notifications using Firebase Cloud Messaging. We’ll also explore the App Shell pattern, a key concept in PWAs and look at its advantages regarding efficient performance. Finally, you’ll learn how to add offline capabilities to the app with caching and confirm your progress by auditing your PWA with Lighthouse. Also, you’ll discover helper libraries and shortcuts that will help you save time and understand the future of PWA development. Style and approach: This is a step-by-step book, wherein, you will use the React framework to create a complete progressive web app.

**React Native for Mobile Development**

If you want to learn how to build efficient React applications, this is your book. Ideal for web developers and software engineers who understand how JavaScript, CSS, and HTML work in the browser, this updated edition provides best practices and patterns for writing modern React code. No prior knowledge of React or functional JavaScript is necessary. With their learning road map, authors Alex Banks and Eve Porcello show you how to create UIs that can deftly display changes without page reloads on large-scale, data-driven websites. You’ll also discover how to work with functional programming and the latest ECMAScript features. Once you learn how to build React components with this hands-on guide, you’ll understand just how useful React can be in your organization. Understand key functional programming concepts with JavaScript. Look under the hood to learn how React runs in the browser. Create application presentation layers with React components. Manage data and reduce the time you spend debugging applications. Incorporate React Hooks to manage state and fetch data. Use a routing solution for single-page application features. Learn how to structure React applications with servers in mind.

**React Native for Mobile Development**

REACT Native helps you create real and exciting mobile apps with the help of JavaScript only, which is supportable for both Android and iOS.

**Fullstack React**

This manual will covers Introduction To React Native, React Native Layout And Designs, Developing UI (User Interface), Animations and Application Deployment.

**React Projects**
Take your React Native application development to the next level with this large collection of recipes.

About This Book
* Build rich and engaging user experiences in React Native while maintaining peak application performance
* Leverage the best of iOS and Android for React Native development while maximizing code reuse and cohesion
* Implement architecture patterns in your React Native application that support efficient data access, routing, and testing

Who This Book Is For
This book is for web developers who are familiar with React.js and know basics of UI development. You may or may not have used React Native before, but it's ideal for you if you want to develop native applications for iOS and Android using React Native. Existing knowledge of JavaScript ES2015 is highly recommended.

What You Will Learn
* Build simple and complex user interfaces using React Native
* Create advanced animations for UI components
* Build universal apps that run on phones and tablets
* Leverage Redux to manage application flow and data
* Expose both custom native UI components and application logic to React Native
* Integrate with existing native applications on iOS and Android
* Deploy our React Native application to the Google Play and Apple App Store
* Add automated testing to our React Native application

In Detail
React has taken the web development world by storm. It is only natural that the unique architecture and its ecosystem of third-party support be applied to native application development. This book will take you through the basics of React Native development all the way through more advanced components.

In this book, we will cover topics in React Native ranging from adding basic UI components to successfully deploying for multiple target platforms. The book follows a top-down approach beginning with building rich user interfaces. These UIs will be created with both built-in and custom components that you will create, style, and animate. You will then learn about different strategies for working with data, including leveraging the popular Redux library and optimizing the performance of the application. Then you will step further into exposing native device functionality. Finally, we will discuss how to put our application into production and maintain its reliability.

React Native in Action
Learn how to make mobile native app development easier. If your team frequently works with both iOS and Android—or plans to transition from one to the other—this hands-on guide shows you how to perform the most common development tasks in each platform.

Want to learn how to make network connections in iOS? Or how to work with a database in Android? This book has you covered. In the book’s first part, authors Shaun Lewis and Mike Dunn from O’Reilly’s mobile engineering group provide a list of common, platform-agnostic tasks. The second part helps you create a bare-bones app in each platform, using the techniques from part one. Common file and database operations, network communication with remote APIs, application lifecycle, custom views and components, threading and asynchronous work, unit and integration tests, configuring, building, and running an app on a device.

Progressive Web Apps with React
Leverage the power of Galio and React Native to create beautifully designed, practical, and exciting mobile apps.

Key Features
* Understand Galio and quickly build cross-platform mobile apps
* Discover how to put Galio into practice by implementing it in real-world scenarios
* Build beautiful apps using Galio by taking advantage of its carefully crafted components

Book Description
Galio is a free open source React Native framework that enables beginner-level programmers to quickly build cross-platform mobile apps by leveraging its beautifully designed ready-made components. This book helps you to learn about React Native app development while building impressive out-of-the-box apps with Galio.

Lightning Fast Mobile App Development with Galio takes a hands-on approach to implementation and associated methodologies that will have you up and running and productive in no time. Complete with step-by-step explanations of essential concepts, practical examples, and self-assessment questions, you will begin by exploring the basics of React Native and understanding how Galio works. As you make progress, you’ll learn...
how to initialize and configure a React Native app and get to grips with the basics of React Native development. You'll also discover how packages work and how to install Galio as the main dependency, along with understanding how and why Galio helps you to develop apps with ease. Finally, you'll build three practical and exciting apps using React Native and Galio. By the end of this app development book, you'll have learned how to use Galio to quickly create layouts and set up React Native projects for your personal ideas. What you will learn

- Explore Galio and learn how to build beautiful and functional apps
- Familiarize yourself with the Galio ecosystem
- Discover how to use npm and understand why Galio is needed
- Get to grips with the basics of constructing a basic but attractive UI for an app
- Find out how you can utilize Galio's ready-made components
- Use Galio to drive the process of quickly building cross-platform mobile apps
- Build three practical and exciting apps with React Native and Galio

Who this book is for

This book is for developers who are looking to learn new skills or build personal mobile apps. Anyone trying to change their job as well as beginners and intermediate web developers will also find this book useful. A basic understanding of CSS, HTML, and JavaScript is needed to get the most out of this book.

React Native Cookbook

React Native for iOS Development is your hands-on guide to developing native iOS apps with ease. React Native challenges the status quo of native iOS development with revolutionary components, asynchronous execution, unique methods for touch handling, and much more. React Native eliminates the need for Objective-C and instead uses the power of JavaScript and React to build excellent native apps. You will begin by understanding the path breaking concepts of React.js, which makes it distinctive. You will set up React Native and begin exploring the anatomy of React Native apps. You’ll also learn about flux architecture, how it differs from MVC, and how you can include it in your React Native project to solve problems differently and efficiently. Next, you will learn to create stunning user interfaces and interact with various device capabilities. You will then boost your development by including some popular packages already developed by the React Native community that will helps you write less but do more. Finally, you’ll learn to how write test cases and submit your application to App Store. Using real-world examples with an example-driven approach, you will learn by doing and have a substantial running app at the end of each chapter. Start using React Native for your iOS development using this book today.

React Native Cookbook

Learn to build modern native iOS and Android applications using JavaScript and the incredible power of React About This Book Learn to design and build a fully-featured application using the newest cutting-edge framework from Facebook Leverage your JavaScript skills to become a native app developer Develop custom UI components, implement smooth navigation, and access native features such as geolocation and local storage Who This Book Is For This book is for web developers who want to learn to build fast, good-looking, native mobile applications using the skills they already have. If you already have some JavaScript knowledge or are using React on the web, then you will be able to quickly get up and running with React Native for iOS and Android. What You Will Learn Set up the React Native environment on both devices and emulators Gain an in-depth understanding of how React Native works behind the scenes Write your own custom native UI components Learn the ins and outs of screen navigation Master the art of layout and styles Work with device-exclusive data such as geolocation Develop native modules in Objective-C and Java that interact with JavaScript Test and deploy your application for a production-ready environment In Detail React Native is a game-changing approach to hybrid mobile development. Web developers can leverage their existing skills to write mobile applications in JavaScript that are truly native without using cross-compilation or web views. These applications have all of the advantages of those written in Objective-C or Java, combined with the rapid development cycle that JavaScript developers are accustomed to. Web developers who want to develop native mobile applications face a high
barrier to entry, because they are forced to learn platform-specific languages and frameworks. Numerous hybrid technologies have tried to simplify this process, but have failed to achieve the performance and appearance that users expect. This book will show you all the advantages of true native development that React Native has without the steep learning curve, leveraging the knowledge you already have. We do this by getting you up and running quickly with a sample application. Next, we'll introduce you to the fundamentals of creating components and explain how React Native works under the hood. Once you have established a solid foundation, you will dive headfirst into developing a real-world application from start to finish. Along the way, we will demonstrate how to create multiple screens and navigate between them, use layout and style native UI components, and access native APIs such as local storage and geolocation. Finally, we tackle the advanced topic of Native modules, which demonstrates that there are truly no limits to what you can do with React Native. Style and approach This book provides a simple and easy way to build mobile applications in JavaScript. Each topic takes you through the life cycle of creating a fully-functional native app, with detailed explanations of the entire process.

I've Been Here All the While

React, an intuitive web frontend framework, extends its capabilities in building apps for mobile and VR. This book aims to help you in building React applications through a series of real-world projects increasing in complexity as you progress. With coverage on various modern React tooling, you will get a wholesome knowledge of React development.

React Native for iOS Development

Get a practical introduction to React Native, the JavaScript framework for writing and deploying fully featured mobile apps that render natively. The second edition of this hands-on guide shows how you can build applications that target iOS, Android, and other mobile platforms instead of browsers—apps that can access platform features such as the camera, user location, and local storage. Through code examples and step-by-step instructions, web developers and frontend engineers familiar with React will learn how to build and style interfaces, use mobile components, and debug and deploy apps. You'll learn how to extend React Native using third-party libraries or your own Java and Objective-C libraries. Understand how React Native works under the hood with native UI components Examine how React Native’s mobile-based components compare to basic HTML elements Create and style your own React Native components and applications Take advantage of platform-specific APIs, as well as modules from the framework’s community Incorporate platform-specific components into cross-platform apps Learn common pitfalls of React Native development, and tools for dealing with them Combine a large application’s many screens into a cohesive UX Handle state management in a large app with the Redux library

React Native Cookbook

Use React and React Native to build applications for desktop browsers, mobile browsers, and even as native mobile apps About This Book Build React and React Native applications using familiar component concepts Dive deep into each platform, from routing in React to creating native mobile applications that can run offline Use Facebook's Relay, React and GraphQL technologies, to create a unified architecture that powers both web and native applications Who This Book Is For This book is written for any JavaScript developer—beginner or expert—who wants to start learning how to put both of Facebook's UI libraries to work. No knowledge of React is needed, though a working knowledge of ES2015 will help you follow along better. What You Will Learn Craft reusable React components Control navigation using the React Router to help keep your UI in sync with URLs Build isomorphic web applications using Node.js Use the Flexbox layout model to create responsive mobile designs Leverage the native APIs of Android and iOS to build engaging applications with React Native
the user Use Relay to build a unified data architecture for your React UIs in Detail React and React Native allow you to build cross-platform desktop and mobile applications using Facebook’s innovative UI libraries. Combined with the Flux data architecture and Relay, you can now create powerful and feature-complete applications from just one code base! This book is split into three parts. The first part shows you how to start crafting composable UIs using React, from rendering with JSX and creating reusable components through to routing and creating isomorphic applications that run on Node. We then move on to showing you how to take the concepts of React and apply them to building Native UIs using React Native. You’ll find out how to build responsive and stream-lined UIs that can properly handle user interactions in a mobile environment. You’ll also learn how to access device-specific APIs such as the geolocation API, and how to handle offline development with React Native. Finally, we’ll tie all of these skills together and show you how you can create React applications that run on every major platform. As well as understanding application state in depth, you’ll learn how to leverage Relay to make feature-complete, data-driven web and native mobile applications. Style and approach Split into three major sections to help organize your learning, this hands-on, code-first book will help you get up to speed with React and React Native—the UI framework that powers Netflix, Yahoo, and Facebook.

React Native in 7 Steps

Explore the essentials of blockchain technology with JavaScript to develop highly secure bitcoin-like applications Key Features Develop bitcoin and blockchain-based cryptocurrencies using JavaScript Create secure and high-performant blockchain networks Build custom APIs and decentralized networks to host blockchain applications Book Description Learn Blockchain Programming with JavaScript begins by giving you a clear understanding of what blockchain technology is. You’ll then set up an environment to build your very own blockchain and you’ll add various functionalities to it. By adding functionalities to your blockchain such as the ability to mine new blocks, create transactions, and secure your blockchain through a proof-of-work you’ll gain an in-depth understanding of how blockchain technology functions. As you make your way through the chapters, you’ll learn how to build an API server to interact with your blockchain and how to host your blockchain on a decentralized network. You’ll also build a consensus algorithm and use it to verify data and keep the entire blockchain network synchronized. In the concluding chapters, you’ll finish building your blockchain prototype and gain a thorough understanding of why blockchain technology is so secure and valuable. By the end of this book, you’ll understand how decentralized blockchain networks function and why decentralization is such an important feature for securing a blockchain. What you will learn Gain an in-depth understanding of blockchain and the environment setup Create your very own decentralized blockchain network from scratch Build and test the various endpoints necessary to create a decentralized network Learn about proof-of-work and the hashing algorithm used to secure data Mine new blocks, create new transactions, and store the transactions in blocks Explore the consensus algorithm and use it to synchronize the blockchain network Who this book is for Learn Blockchain Programming with JavaScript is for JavaScript developers who wish to learn about blockchain programming or build their own blockchain using JavaScript frameworks.

React Native - Building Mobile Apps with JavaScript

Answer the question "Can we build this for ALL the devices?" with a resounding YES. Learn how to build apps using seven different platforms: Mobile Web, iOS, Android, Windows, RubyMotion, React Native, and Xamarin. Find out which cross-platform solution makes the most sense for your needs, whether you're new to mobile or an experienced developer expanding your options. Start covering all of the mobile world today. Understanding the idioms, patterns, and quirks of the modern mobile platforms gives you the power to choose how you develop. Over seven weeks you'll build seven different mobile apps using seven different tools. You'll start out with Mobile Web; develop native apps on iOS, Android, and Windows; and finish by building apps for multiple operating systems using the native cross-
platform solutions RubyMotion, React Native, and Xamarin. For each platform, you'll build simple, but non-trivial, apps that consume JSON data, run on multiple screen sizes, or store local data. You'll see how to test, how to build views, and how to structure code. You'll find out how much code it's possible to share, how much of the underlying platform you still need to know, and ultimately, you'll get a firm understanding of how to build apps on whichever devices your users prefer. This book gives you enough first-hand experience to weigh the trade-offs when building mobile apps. You'll compare writing apps on one platform versus another and understand the benefits and hidden costs of cross-platform tools. You'll get pragmatic, hands-on experience writing apps in a multi-platform world.

What You Need: You'll need a computer and some experience programming. When we cover iOS, you'll need a Mac, and when we cover Windows Phone you'll need a computer with Windows on it. It's helpful if you have access to an iPhone, Android phone, and Windows Phone to run the examples on the devices where mobile apps are ultimately deployed, but the simulators or emulator versions of those phones work great.

**Learning React Native**

Get started with React Native development for iOS and Android with a single code base written in JavaScript. About This Video Get hands-on experience with seven self-contained lessons that teach React Native app development Get bootstrapped with React Native development for iOS and Android Explore commonly-used libraries and practices for mobile development with React Native In Detail React Native is a cross-platform application development framework built by engineers at Facebook. React Native will help you to get out of the pain of maintaining a Swift and Java code base by learning once and applying it anywhere. With the help of React Native, you'll be able to create visually stunning and high-performing applications. This course will get you started with React Native quickly by building React components for mobile devices. You'll learn to configure Firebase to store your data while coding your applications. You'll be able to hot-reload applications and see the changes you've made without re-compiling your application again and again. By the end of this course, you'll be able to develop highly functional iOS and Android applications on your own and deploy them to both the Apple App Store and the Google Play Store.

Downloading the example code for this course: You can download the example code files for this course on GitHub at the following link: https://github.com/PacktPublishing/React-Native-in-Seven-Days. If you require support please email: customercare@packt.com.

**Essentials of JavaScript**

Tackling an app development project on multiple platforms is no simple task. When time is in short supply and customers need access from the tap of a home screen, React Native can provide a lean development team with the tools needed to deliver a multi-platform native experience without juggling multiple programming languages and shifting code bases. React Native is an emerging technology and best practices are only beginning to bubble up. Fortunately, a growing user community—from tech giants such as Facebook, Yahoo, and Airbnb to the independent developers—is hard at work codifying patterns and best practices for how to use React Native. This cookbook is another milestone on that journey. Aimed at people with some JavaScript and web development experience, the first part of this cookbook covers some simple tips for getting started with React Native. Part 2 will cover some emerging patterns that are commonly found in most native applications.

**Learn Blockchain Programming with JavaScript**

LEARN REACT TODAY The up-to-date, in-depth, complete guide to React and friends. Become a ReactJS expert today

**Fullstack React Native**

About react-native: React Native is a JavaScript framework for writing real, natively
rendering mobile applications for iOS and Android. It’s based on React, Facebook’s JavaScript library for building user interfaces, but instead of targeting the browser, it targets mobile platforms. In other words: web developers can now write mobile applications that look and feel truly “native,” all from the comfort of a JavaScript library that we already know and love. Plus, because most of the code you write can be shared between platforms, React Native makes it easy to simultaneously develop for both Android and iOS. Why react-native: There is much hybrid technology like the phone gap, but UI experience is not good for these libraries. But react native is using native iOS and android component and using bridge method to communicate. So react-native UI and performance are similar to the native project.

React Native By Example

JavaScript is the little scripting language that could. Once used chiefly to add interactivity to web browser windows, JavaScript is now a primary building block of powerful and robust applications. In this practical book, new and experienced JavaScript developers will learn how to use this language to create APIs as well as web, mobile, and desktop applications. Author and engineering leader Adam D. Scott covers technologies such as Node.js, GraphQL, React, React Native, and Electron. Ideal for developers who want to build full stack applications and ambitious web development beginners looking to bootstrap a startup, this book shows you how to create a single CRUD-style application that will work across several platforms. Explore GraphQL’s simple process for querying data Learn about shared authentication for APIs, web apps, and native applications Build performant web applications with React and Styled Components Use React Native to write cross-platform applications for iOS and Android that compile to native code Learn how to write desktop applications with Electron

Getting Started with React Native

Develop real world Android and iOS applications with the power of React native. About This Book Build quirky and fun projects from scratch and become efficient with React Native Learn to build professional Android and iOS applications with your JavaScript skills Use Isomorphic principles to build mobile apps that offer a native user experience Who This Book Is For This book is for developers who want to use their JavaScript knowledge for mobile development. Prior knowledge of React will be beneficial. What You Will Learn Structure React Native projects to ease maintenance and extensibility Optimize a project to speed up development Make a React Native project production-ready Use external modules to speed up the development and maintenance of your projects Explore the different UI and code patterns to be used for iOS and Android Get to know the best practices when building apps in React Native In Detail Considering the success of the React framework, Facebook recently introduced a new mobile development framework called React Native. With React Native's game-changing approach to hybrid mobile development, you can build native mobile applications that are much more powerful, interactive, and faster by using JavaScript This project-based guide takes you through eight projects to help you gain a sound understanding of the framework and helps you build mobile apps with native user experience. Starting with a simple standalone groceries list app, you will progressively move on to building advanced apps by adding connectivity with external APIs, using native features, such as the camera or microphone, in the mobile device, integrating with state management libraries such as Redux or MobX, or leveraging React Native's performance by building a full-featured game. This book covers the entire feature set of React Native, starting from the simplest (layout or navigation libraries) to the most advanced (integration with native code) features. By the end of this book, you'll be able to build professional Android and iOS applications using React Native. Style and approach This project-based guide consists of 8 projects. Each project is a standalone project that covers the core techniques and concepts in each project.

Basic Of React Native
Learn how to write cross platform React Native code by using effective design patterns in the JavaScript world. Get to know industry standard patterns as well as situational patterns. Decouple your application with these set of “Idea patterns”. Key Features Mobile development in React Native should be done in a reusable way. Learn how to build scalable applications using JavaScript patterns that are battle tested. Try effective techniques on your own using over 80 standalone examples. Book Description React Native helps developers reuse code across different mobile platforms like iOS and Android. This book will show you effective design patterns in the React Native world and will make you ready for professional development in big teams. The book will focus only on the patterns that are relevant to JavaScript, ECMAScript, React and React Native. However, you can successfully transfer a lot of the skills and techniques to other languages. I call them “Idea patterns”. This book will start with the most standard development patterns in React like component building patterns, styling patterns in React Native and then extend these patterns to your mobile application using real world practical examples. Each chapter comes with full, separate source code of applications that you can build and run on your phone. The book is also diving into architectural patterns. Especially how to adapt MVC to React environment. You will learn Flux architecture and how Redux is implementing it. Each approach will be presented with its pros and cons. You will learn how to work with external data sources using libraries like Redux thunk and Redux Saga. The end goal is the ability to recognize the best solution for a given problem for your next mobile application. What you will learn Explore the design Patterns in React Native Learn the best practices for React Native development Explore common React patterns that are highly used within React Native development Learn to decouple components and use dependency injection in your applications Explore the best ways of fetching data from the backend systems Learn the styling patterns and how to implement custom mobile designs Explore the best ways to organize your application code in big codebases Who this book is for The ideal target audience for this book are people eager to learn React Native design patterns who already know the basics of JavaScript. We can assume that the target audience already knows how to write Hello World in JavaScript and know what are the functions, recursive functions, JavaScript types and loops.

**Mastering React Native**

Summary React Native in Action gives iOS, Android, and web developers the knowledge and confidence they need to begin building high-quality iOS and Android apps using the React Native framework. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology React Native gives mobile and web developers the power of "and." Write your app once and easily deploy it to iOS and Android and the web. React Native apps compile into platform-specific code, reducing development time, effort, and cost! And because you’re using JavaScript and the React framework, you benefit from a huge ecosystem of tools, expertise, and support. About the Book React Native in Action teaches you to build high-quality cross-platform mobile and web apps. In this hands-on guide, you’ll jump right into building a complete app with the help of clear, easy-to-follow instructions. As you build your skills, you’ll drill down to more-advanced topics like styling, APIs, animations, data architecture, and more! You’ll also learn how to maximize code reuse without sacrificing native platform look-and-feel. What’s Inside Building cross-platform mobile and web apps Routing, Redux, and animations Cross-network data requests Storing and retrieving data locally Managing data and state About the Reader Written for beginner-to-intermediate web, Android, and iOS developers. About the Authors Nader Dabit is a developer advocate at AWS Mobile, where he works on tools and services to allow developers to build full-stack web and mobile applications using their existing skillset. He is also the founder of React Native Training and the host of the "React Native Radio" podcast. Table of Contents PART 1 Getting started with React Native Getting started with React Native Understanding React Building your first React Native app PART 2 Developing applications in React Native Introduction to styling Styling in depth Navigation Animations Using the Redux data architecture library PART 3 API reference Implementing cross-platform APIs Implementing iOS-specific components and APIs Implementing Android-
specific components and APIs PART 4 Bringing it all together Building a Star Wars app using cross-platform components

JavaScript Everywhere

Leverage frontend development skills to build impressive iOS and Android applications with React Native. About This Book Apply flexbox to get layout and build rich animations that bring your React Native application to life. Integrate third-party libraries and develop customized components that run natively on iOS and Android platforms. Combine React Native with Redux, Redux middleware, and a remote API to build scalable data-driven applications. Who This Book Is For This book is for anyone who wants to build cross-platform native mobile applications using only JavaScript and the React Native framework. In particular, this book is especially useful for front-end developers who want to use their current skillset to build mobile applications. An existing working knowledge of JavaScript will help you get the most out of this book. What You Will Learn Implement native React Native components and APIs. Explore React’s JSX syntax. Manage data using Redux and Redux middleware. Build applications with React Native on both iOS and Android platforms. Perform animations in your applications using the animation APIs. Understand routing and Navigator comparison. Create your own Native module. In Detail React Native has completely revolutionized mobile development by empowering JavaScript developers to build world-class mobile apps that run natively on mobile platforms. This book will show you how to apply JavaScript and other front-end skills to build cross-platform React Native applications for iOS and Android using a single codebase. This book will provide you with all the React Native building blocks necessary to become an expert. We'll give you a brief explanation of the numerous native components and APIs that come bundled with React Native including Images, Views, ListViews, WebView, and much more. You will learn to utilize form inputs in React Native. You'll get an overview of Facebook's Flux data architecture and then apply Redux to manage data with a remote API. You will also learn to animate different parts of your application, as well as routing using React Native's navigation APIs. By the end of the book, you will be able to build cutting-edge applications using the React Native framework. Style and approach This comprehensive guide will take your React Native skills to the next level. It shows you how to develop a clear workflow to build scalable applications, and how to implement the architectural concepts covered to build applications that shine in the real world.

Learning React

Get up to speed with React, React Native, GraphQL and Apollo for building cross-platform native apps with the help of practical examples. Key Features Covers the latest features of React such as Hooks, Suspense, NativeBase, and Apollo in this updated third edition. Get to grips with the React architecture for writing easy-to-manage web and mobile applications. Understand GraphQL and Apollo for building a scalable backend for your cross-platform apps. Book Description React and React Native, Facebook’s innovative User Interface (UI) libraries, are designed to help you build robust cross-platform web and mobile applications. This updated third edition is improved and updated to cover the latest version of React. The book particularly focuses on the latest developments in the React ecosystem, such as modern Hook implementations, code splitting using lazy components and Suspense, user interface framework components using Material-UI, and Apollo. In terms of React Native, the book has been updated to version 0.62 and demonstrates how to apply native UI components for your existing mobile apps using NativeBase. You will begin by learning about the essential building blocks of React components. Next, you'll progress to working with higher-level functionalities in application development, before putting this knowledge to use by developing user interface components for the web and for native platforms. In the concluding chapters, you'll learn how to bring your application together with a robust data architecture. By the end of this book, you'll be able to build React applications for the web and React Native applications for multiple mobile platforms. What you will learn Delve into the React architecture, component properties, state, and context. Get to grips with
React Hooks for handling functions and components Implement code splitting in React using lazy components and Suspense Build robust user interfaces for mobile and desktop apps using Material-UI Write shared components for Android and iOS mobile apps using React Native Simplify layout design for React Native apps using NativeBase Write GraphQL schemas to power web and mobile apps Implement web and mobile components that are driven by Apollo Who this book is for This book is for any JavaScript developer who wants to start learning how to use Facebook’s UI libraries, React and React Native, for mobile and web application development. Although no prior knowledge of React is needed, working knowledge of JavaScript programming will help you understand the concepts covered in the book more effectively.