React Native in Action

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. 

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. 

Redux 4 Ways React native Training Medium

We provide you this proper as well as easy showing off to acquire those all. We have the funds for Redux 4 Ways React Native Training Medium and 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. 

Building Digital Experience Platforms

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. 

Learning React

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

Building Native Mobile Apps with JavaScript
Simon and Schuster
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 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. 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This book will prove to be a “must-have” for beginners as well as experienced professionals as it is a stepping stone for learning new technology. Table of Contents 1. Introduction to Node.js 2. Modules in Node.js 3. File system module 4. NPM in node.js 5. Event handling in Node.js 6. Node.js with MySQL 7. Express and Node.js Redux in Action Addison-Wesley Professional Learning React A hands-on guide to building web applications using React and Redux. As far as new web frameworks and libraries go, React is quite the runaway success. It not only deals with the most common problems developers face when building complex apps, it throws in a few additional tricks that make building the visuals for such apps much, much easier. What React isn’t, though, is beginner-friendly and approachable. Until now. In Learning React, author Kirupa Chinnathambi brings his fresh, clear, and very personable writing style to help web developers new to React understand its fundamentals and how to use it to build really performant (and awesome) apps. The only book on the market that helps you get your first React app up and running in just minutes. Learning React is chock-full of colorful illustrations to help you visualize difficult concepts and practical step-by-step examples to show you how to apply what you learn. Build your first React app Create components to define parts of your UI Combine components into other components to build more complex UIs Use JSX to specify visuals without writing full-fledged JavaScript Deal with maintaining state Work with React’s way of styling content Make sense of the mysterious component lifecycle Build multi-page apps using routing and views Optimize your React workflow using tools such as Node, Babel, webpack, and others Use Redux to manage your app’s data and state Easily Contents at a Glance 1. Introducing React 2. Building Your First React App 3. Components in React 4. Styling in React 5. Creating Complex Components 6. Transferring Properties 7. JSX... Again! 8. Dealing with State in React 9. Getting Data from APIs in React 10. Events in React 11. The Component Lifecycle 12. Accessing DOM Elements in React 13. Setting Up Your React Dev Environment 14. Working with External Data in React 15. Building an Awesome Todo List App in React 16. Creating a Sliding Menu in React 17. Avoiding Unnecessary Renders in React 18. Creating a Single-Page App in React 19. Using React Router 20. Using Redux with React Vue.js and Bootstrap 4 Web Development Packt Publishing Ltd Knowledge for Free... Get that job, you aspire for! Want to switch to that high-paying job? Or are you already being prepared hard to give interview the next weekend? Do you know how many people get rejected in interviews by preparing only concepts but not focusing on actually which questions will be asked in the interview? Don’t be that person this time. This is the most comprehensive ReactJS interview questions book that you can ever find out. It contains 500 most frequently asked and important ReactJS interview questions and answers. Wide range of questions which cover not only basics in ReactJS but also most advanced and complex questions which will help freshers, experienced professionals, senior developers, testers to crack their interviews. A Guide to Developing Next-Generation Enterprise Applications Apress As opposed to back-end web development which deals with servers, front-end web development focuses on the end users’ interactions with a website or a browser. A skillful front-end web developer knows more than just the basics of HTML, CSS and JavaScript. Going beyond the major web-based languages, this book represents an attempt to compile all the knowledge needed to become a professional front-end web developer. The reader will be introduced to more than 200 web extensions, frameworks, tools, and libraries, along with a complete illustration of all Web APIs known to the world today. Overview: Chapter 1: Development Environments Chapter 2: HTML 5.2 Chapter 3: Bootstrap 5 Chapter 4: CSS 3 Chapter 5: SEO Chapter 6: Cordova Chapter 7: SVG Chapter 8: ECMAScript 2020 / ES11 Chapter 9: HTML DOM Chapter 10: Advanced Web APIs Chapter 11: jQuery 3.5 Chapter 12: Extensions and Tools Chapter 13: Canvas Chapter 14: WebGL ** special note: this book partially overlaps with two books by the same author: 1) Web Coding Bible (18 Books in 1) 2) An Effective Guide to Modern JavaScript (ECMA Script 2017 / ES8) Build and refactor modern React.js applications using Hooks O’Reilly Media, Inc. 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 reusability 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. Build Responsive SPAs with React, Vue.js, and Firebase Packt Publishing Ltd Explore global state management and select the best library for your application Key Features Understand the essential concepts and features of micro state management; Discover solutions to common problems faced while implementing micro state management; Explore the different libraries, their coding style, and the optimum approach to rendering optimization Book Description State management is one of the most complex concepts in React. Traditionally, developers have used monolithic state management solutions. Thanks to React Hooks, micro state management is something tuned for moving your application from a monolith to a microservice. This book provides a hands-on approach to the implementation of micro state management that will have you up and running and productive in no time. You’ll learn basic patterns for state management in React and understand how to overcome the challenges encountered when you need to make the state global. Later chapters will show you how slicing a state into pieces is the way to overcome limitations. Using hooks, you’ll see how you can easily reuse logic and have several solutions for specific domains, such as form state and server cache state. Finally, you’ll explore how to use libraries such as Zustand, Jotai, and Valtio to organize state and manage development efficiently. By the end of this React book, you’ll have
learned how to choose the right global state management solution for your app requirement. What you will learn: Understand micro state management and how you can deal with global state Build libraries using micro state management along with React Hooks Discover how micro approaches are easy using React Hooks Understand the difference between component state and module state Explore several approaches for implementing a global state Become well-versed with concrete examples and libraries such as Zustand, Jotai, and Valtio Who this book is for: If you’re a React developer dealing with complex global state management solutions and want to learn how to choose the best alternative based on your requirements, this book is for you. Basic knowledge of JavaScript programming, React Hooks and TypeScript is assumed.


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: 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.

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Learning React Native Mercury Learning and Information

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 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 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 an decent foundation, but not necessarily be experts in HTML, CSS, and JavaScript, but I’ll assume a little beyond that. Server-side rendering done right: Chong Lip Phang React Native in Action Developing iOS and Android apps with React Native & Redux Simon and Schuster

Developing iOS and Android apps with JavaScript “O’Reilly Media, Inc.” 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, Mongoose, and a remote API to build scalable data-driven applications. This book is a comprehensive guide on React Hooks helps you modernize managing state and effects in React apps using Hooks. You will learn various types of Hooks and how it integrates with Context and Suspense APIs. You will create custom Hooks and learn to use Hooks with Redux and MobX. Lastly, you will learn to migrate your existing React applications to Hooks.
scalable applications, and how to implement the architectural concepts covered to build applications that shine in the real world.

Create eight exciting native cross-platform mobile applications with JavaScript

Addison-Wesley Professional

If you want to learn how to build efficient user interfaces with React, this is your book. Authors Alex Banks and Eve Porcello show you how to create UIs with this small JavaScript library that can deftly display data changes on large scale, data-driven websites without page reloads. Along the way, you’ll learn how to work with functional programming and the latest ECMAScript features. Developed by Facebook, and used by companies including Netflix, Walmart, and The New York Times for large parts of their web interfaces, React is quickly growing in use. By learning how to build React components with this hands-on guide, you’ll fully understand how useful React can be in your organization.

Learn key functional programming concepts with JavaScript. Peek under the hood to understand how React runs in the browser. Create application presentation layers by mounting and composing React components. Use component trees to manage data and reduce the time you spend debugging applications. Explore React’s component lifecycle and use it to load data and improve UI performance. Use a routing solution for browser history, bookmarks, and other features of single-page applications. Learn how to structure React applications with servers in mind.

React and React Native Pearson Professional

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.