React Native Cookbook

Stan Bershadskiy, Crysfel Villa

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Key Features

- 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

Book Description

React has taken the web development world by storm, and 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 to some more advanced components.

This book covers 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 your application into production and maintain its reliability.

What you will learn

- Build simple and complex UIs 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 your React Native application to the Google Play and Apple App Store
- Add automated testing to your React Native application

About the Author

Stan Bershadskiy is an architect at Modus Create and holds a Master's in Computer Science from NYIT. While doing full-stack development, he found working on the frontend most enjoyable because of the speed one can develop and switch focus toward JavaScript. Stan likes to involve himself in anything JavaScript-related, particularly around building rich applications for desktop, web, and mobile. He is located in New York City and can be found co-organizing NYC.JS meetups. More recently, he has focused on promoting React Native by presenting at conferences and publishing blog posts. You can follow him on Twitter at @stan229.

Crysfel Villa is a senior software engineer at Modus Create. He's a passionate JavaScript coder and an accomplished software developer with over 10 years of experience in technical training, consulting, and systems analysis. Crysfel loves to write about emerging technologies and he has deployed several apps to the Apple Store using React Native. He currently lives in NY and can be found attending tech meetups throughout the city. You can follow him on Twitter at @crysfel.

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Kenny Grant:

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