

Relevant Roadmaps

- ✔ React Roadmap
- ✔ JavaScript Roadmap
- ✔ Frontend Roadmap

Find the detailed version of this roadmap along with resources and other roadmaps

<https://roadmap.sh>

React Native

Introduction

- What is React Native?
- Why use React Native?
- React Native Alternatives

Learn the Pre-requisites

- JavaScript Basics
- CSS Basics

- React Basics
- Components
- State
- Props
- JSX

Environment Setup

- Expo
 - create-expo-app
 - Expo Snack
 - Expo Tradeoffs
- React Native CLI
- Metro Bundler

Running on Device

Development Workflow

Debugging

- In-App Developer Menu
- Enabling Fast Refresh
- LogBox
- Sourcemaps
- DevTools

Core Components

- Text
- Text Input
- Button
- Image
- ImageBackground
- Switch
- StatusBar
- ActivityIndicator
- Modal
- Pressable

View

- SafeAreaView
- KeyboardAvoidingView

Listings

- FlatList
- SectionList
- ScrollView
- List Views
- RefreshControl

Connectivity Status

Writing Platform Specific Code

- Platform Module
- File Extensions
- react-native-web

Styling

- Stylesheets
- Layouts and Flexbox
- Accessibility

Networking

- Fetch
- Websockets

Push Notifications

Interactions

Deep Linking

- Touchable
- Gesture Responder System
- Scrolling and Swiping
- Screen Navigation
- Animations

Storage

- Expo Ecosystem
 - expo-secure-store
 - expo-file-system
 - expo-sqlite
- react-native-async-storage
- Other Storage Options

Security

- Authentication
- Networking
- Storage

Testing

- Jest
- Component Tests
 - React Test Renderer
 - React Native Testing Library
- E2E Testing
 - Detox
 - Appium

Performance

- Understand Frame Rates
- Common Problem Sources
- Speeding up Builds
- Optimizing Flatlist Config
- RAM Bundles + Inline Requires
- Profiling

- Apple App Store
- Google Play Store

- For iOS
- For Android

Publishing Apps

Using Native Modules

Keep Learning