



Introduction to React Native

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GETTING STARTED & THE MOVING PARTS

[Getting Started](#) – Initial steps that get a project going right away. The preferred approach for beginners is the ‘Quick Start’ tab.

[Redux](#), [Redux Explained](#) – A predictable state container library for JavaScript applications and YouTube series explaining the Redux with React usage and specifics.

[Create React Native App](#) – The library that caters for the project bootstrapping. Basically, it manages the bulk of the configurations behind the scenes and integrates Expo support at the same time.

[Expo IOS](#), [Expo Android](#) – Expo client for both IOS and Android. Expo is a toolset that upgrades the out-of-the-box React Native functionalities. It also has a mobile application that is used during development for live previews of the codebase, debugging, profiling, inspecting, etc.

[ES6](#) – Key points regarding the latest JavaScript related ES6(ES2015) standard that is actively being used in React Native development.

[Yarn](#) – The Yarn package manager that is a generally better version of the Node’s NPM package manager. Feel free to use ‘yarn’ instead of ‘npm’ where applicable.

[VS Code](#) – The editor of choice for many React Native developers.

INITIAL CONCEPTS

[Tutorial](#) – A short tutorial article providing a high-level overview of React Native with some sample boilerplate code. Following that article is a bunch of helpful pages that outline the core components of React Native. Pay additional attention to the following segments:

Props – [Props explained](#)

State – [State explained](#)

Style – [Style explained](#)

Handling Touches – [Touches explained](#)

Networking – [Networking explained](#)

CORE CONCEPTS

[Guides](#) – Series of guides that provide information regarding various topics ranging from components handling to performance improvements and deployments.

[Flexbox explained](#) – YouTube series explaining the Flexbox usage and specifics.

List of some of the key components in React Native:

[Button](#) – Buttons

[Flat List](#) – Scrollable lists of similar data

[Image](#) – Images

[Scroll View](#) – Scrollable view

[Switch](#) – Switches/Toggles

[Text](#) – Text handling

[Text Input](#) – Text inputs

[Touchable Highlight](#) – Touchable elements that change background color on touch

[Touchable Opacity](#) – Touchable elements that change opacity on touch

[View](#) – View components handling

List of some of the key APIs in React Native:

[Animated](#) – Animations

[Async Storage](#) – Storing data

[Dimensions](#) – Dimensions handling

[Keyboard](#) – Keyboard interactions

[Share](#) – Sharing

[Style Sheet](#) – Styling the app

ADDITIONAL RESOURCES

Courses on Udemy that cover the whole React Native development process:

[Complete React Native](#) – Course that covers the essential parts of React Native

[Advanced React Native](#) – Course that digs deeper into React Native

List of some of the most widely used external libraries in React Native:

[Axios](#) – Web requests

[Native Base](#) – UI components

[React Native Elements](#) – UI components

[React Native Router Flux](#) – Routing engine for React Native

[React Redux](#) – Redux bridge for React Native

[Redux Persist](#) – Redux on device persisting engine

[Redux Thunk](#) – Redux async events handler

[React Native Web](#) – Getting React Native to the web

EXERCISE

Build a cross-platform mobile app that has the following functionalities:

Splash screen with a logo of your personal choice

Landing page with a vertically scrollable list of the top 100 albums, title filterable

Details page for each individual album from the landing page with all its photos in a grid

Form page that enables sending a photo from the device's gallery with a title to the API

Settings page that has a toggle for a UI-wide dark theme and a font-size slider

Use the following API while developing your solution: <https://jsonplaceholder.typicode.com>.