

React Native

What is React Native

A framework for building native apps using
JavaScript

React Native Applications

- Facebook
- Instagram
- Pinterest
- Skype
- Uber Eats
- Etc ...

React Native Build

React native can build two ways.

1. Expo CLI
2. React Native CLI

Expo CLI

- Easy Setup
- Expo Client App
- Share your app live
- Own set of basic library

Expo CLI Setup

- `npx create-expo-app project`
- create with blank
- `cd project`
- `npm start`

Keywords

- a (run with android)
- i (run with ios)
- r (reload app)
- ctrl + c (stop app)

Components

- View
- Text
- Image
- Touchables
- Button
- Alerts

View

- SafeAreaView (only work on ios)
- StatusBar (expo)
- StatusBar (react-native)

Text

- Props
 - `numberOfLine={}`

Image

- Props
 - source (require, uri)
 - width
 - height
 - blurRadius
 - fadeDuration
 - resizeMode

Touchable

- TouchableWithoutFeedback
- TouchableOpacity
- TouchableHighlight
- Props
 - onPress
 - onLongPress

Buttons

- Props
 - title (required)
 - color
 - onPress

Alerts

- `Alert.alert();`
 - First parameter – Title
 - Second parameter – Content
 - Third parameter – `[{text: "Ok", onPress:()=>console.log('hi')}]`
- `Alert.prompt();`
 - Third Parameter – `(text) => console.log(text);`

StyleSheets

- You can use 3 ways -
 1. Inline Style
 2. Internal Style
 3. External Style

Platform

- Platform
 - os
- StatusBar
 - Constants (currentHeight)
 - Props (backgroundColor, barStyle, hidden)

Layouts

- Dimensions
- Device Orientation
- Flexbox
- Absolute & Relative Positioning

Flex

- flex
- flexDirection (row, row-reverse, column, column-reverse)
- justifyContent (center, flex-start, flex-end, space-around, space-between, space-evenly)
- alignItems (center, baseline, flex-start, flex-end, stretch)
- flexWrap (wrap, no-wrap, wrap-reverse)
- flexBasic (width and height)
- flexGrow (same with flex)