

# Mobile Application Development with React Native

## Description

React Native is a framework for using JavaScript and React to create native mobile applications. It combines the intuitive, declarative structure of React with the performance, look, and feel of Native applications. React Native also has the potential to alter how developer teams are structured, allowing web, iOS, and Android teams to share knowledge, resources, and even code.

This course will guide Developers through the entire React Native development process. From setting up their development environments all the way to developing and deploying an App. Along the way, developers will learn how to work with many of the core React Native components and API's, as well as best practices for file structure, Styles, and more.

## Audience

Developers with JavaScript Experience, Web Developers, Mobile App Developers, Software Engineers and UI Developers.

## Outline

- Introduction
- Installations
- Basic Emulator Controls
- Styling and Positioning with Flex Components
- Props
- States

Component Lifecycle  
Application  
Web Service Calls  
Application Name, Icon and Splash Screen  
Form Management and Validations  
React Navigation  
Memoization  
State Management with Context API  
Application  
Camera Usage  
Maps  
Animations  
Push Notifications  
Developing Real-Time Applications  
Localization  
Unit Testing  
GraphQL & Apollo