

➤ **Introduction**

- Course Overview
- Platforms, Frameworks & Tools
- Hybrid frameworks versus Native
- HTML5 / CSS3 / JS brush up
- ES6 Javascript Basics
- Tools Install
- React Native – Hello World!
- React Intro
- Splash Screen

➤ **React Basics**

- Getting started in React
- React Native Lifecycle
- Components
- Component Composition
- Props & Prop Types
- Event Handlers
- State
- React Web App
- Decision Making & Looping Concepts

➤ **Understanding React Native Development**

- CRNA
- Creating the first App
- Understanding the App
- Styling the App
- Understanding Flexbox
- Inspecting & Debugging styles
- Images & Vector Images
- Buttons & Views

➤ **Advanced React Native Components**

- Built-in components
- Working with Images
- Hybrid frameworks versus Native
- ListView
- FlatList
- GridView
- Rating Bar
- Touchable
- TextInput
- Creating Views (Scenes)
- Animations
- Date & Time Picker
- Toast, Snackbar, Alert Dialog

➤ **Security & Backup**

- Runtime Permissions in OS
- Mobile Backup
- Access mobile phonebook, sms, gallery
- Check Internet Connection for dynamic application.
- Get Mobile IMEI No.
- Generate & Scan QR Code

➤ **Navigation**

- App Scene Navigation
- React Navigation Library
- Navigator Basics
- Implementing Navigation
- Stack Navigator
- Tab Navigator
- Employee Directory App

➤ **Preparing for Production**

- Running on Physical devices
- Performance
- Testing
- Debugging
- App store submission

➤ **Google API Integration**

- How to get user current location
- Tracking GPS Application
- Google Analytics for Application performance
- Social API Integration: Login using Google+, Facebook
- Youtube Integration
- Google Cloud Messaging

➤ **REST & SOAP API (JSON & XML Parsing)**

- How to create API for data transfer using PHP
- JSON Parsing & XML Parsing
- Data send fetch using API to server

➤ **React Native Database**

Cloud Storage: Mysql

Local Storage: Realm, AsyncStorage,

Publish Android IOS Application on Google Play store and App store.

Convert React Native app to Android/IOS Application.