



React Native Training Program

Duration: 3 Months

Module 1: Introduction to React Native

- ✓ Understanding React Beyond the DOM
- ✓ Key Benefits of Using React Native
- ✓ Comparing React Native with Web Applications
- ✓ Differences Between React Native and React for Web

Module 2: Setting Up the Development Environment

- ✓ Installing React Native and Required Dependencies
- ✓ Setting Up iOS Development with Xcode
- ✓ Configuring Android Development with Android Studio
- ✓ Running a Sample Project on iOS and Android Simulators

Module 3: Essential React Native Components

- ✓ Structuring Layouts with the View Component
- ✓ Displaying Text Content with the Text Component
- ✓ Handling User Input Using TextInput
- ✓ Adding and Managing Images with the Image Component
- ✓ Enabling User Interaction with TouchableHighlight
- ✓ Displaying Lists of Data with ListView
- ✓ Navigating Between Screens Using the Navigator Component
- ✓ Enhancing Touch Gestures with GestureResponder and PanResponder

Module 4: Styling in React Native

- ✓ Challenges with Traditional CSS in React Native
- ✓ Applying Inline Styles to Components
- ✓ Creating Fixed Style Objects with StyleSheet.create
- ✓ Passing Styles as Props for Customization
- ✓ Arranging Components Using Flexbox

Module 5: Utilizing React Native APIs

- ✓ Fetching Data from Remote Sources
- ✓ Accessing User Location and Managing Permissions
- ✓ Retrieving Stored Photos Using CameraRoll
- ✓ Implementing Animations for a Smooth UI

Module 6: App Deployment

- ✓ Publishing an App on the Apple App Store
- ✓ Releasing an App on the Google Play Store

Module 7: User Authentication with Firebase

- ✓ Structuring a Common Root Component
- ✓ Reusing Prebuilt Components for Efficiency
- ✓ Introduction to Firebase and Its Features
- ✓ Setting Up Firebase in a React Native Project
- ✓ Building a Login Form Layout
- ✓ Handling User Input in Forms
- ✓ Understanding Controlled Components in React Native
- ✓ Creating Custom Text Input Fields
- ✓ Managing Props for Input Components
- ✓ Enhancing Input Fields with Styling
- ✓ Finalizing the Input Component
- ✓ Implementing Secure Password Inputs

Module 8: Managing User Authentication

- ✓ Implementing User Login Functionality
- ✓ Handling Authentication Errors
- ✓ Understanding the Authentication Flow
- ✓ Creating and Displaying a Loading Spinner
- ✓ Using Conditional Rendering in JSX



Module 9: Authentication Events and Logout Process

- ✓ Resetting the Form and Clearing the Spinner
- ✓ Managing Authentication Events
- ✓ Advanced Conditional Rendering Techniques
- ✓ Logging Out Users and Finalizing Authentication

Learning Management System

Key Features **Learning Management System**



Live Sessions with Class Recordings

Gain access to interactive live training sessions along with recorded classes to reinforce learning at your own pace.



Expert-Led Training Sessions

Learn from industry experts through structured training sessions designed to enhance your skills and practical knowledge.



Earn Your Training Certificate

Receive an official training certification upon successful course completion to validate your learning and expertise.



Experience Certificate for Professionals

Get an experience certificate based on your hands-on project work and practical assessments.

