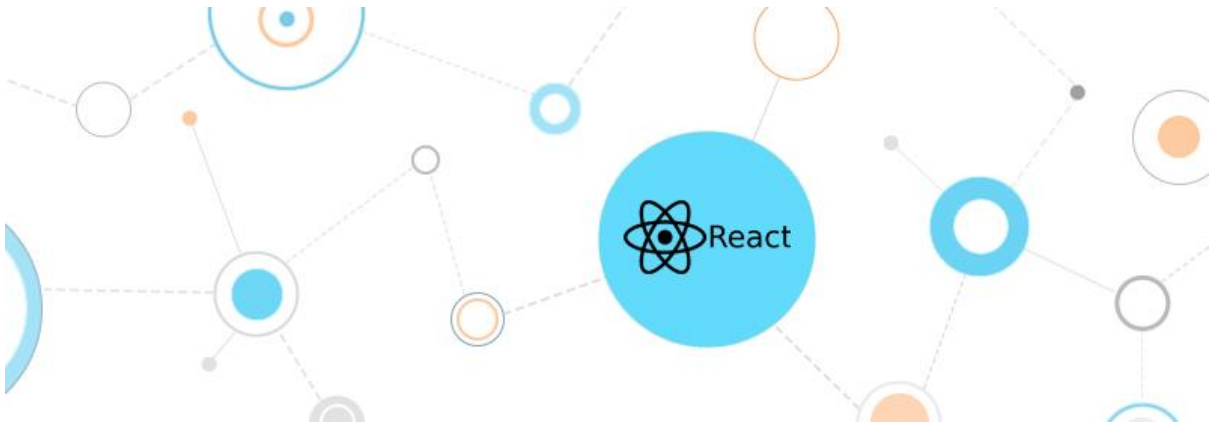


ReAct

React Native Training Curriculum





coding artist

What is React Native? : React Native is an open-source mobile application framework created by Facebook. It is used to develop applications for Android, iOS, Web and UWP by enabling developers to use React along with native platform capabilities.”

1. Module 1: What is React Native?

- Abstracting React from the DOM
- Advantages of React Native
- React Native vs Web Apps
- React Native vs React web

2. Module 2: Getting started

- Installing React Native
- iOS setup – XCode
- Android setup – Android Studio
- Run an example project in iOS and Android simulators

3. Module 3: Core React Native Components

- Establishing a layout with View
- Displaying text with Text
- Accepting user input with TextInput
- Adding images with Image
- Making components interactive with TouchableHighlight
- Displaying data with ListView
- Changing screens with Navigator
- Expanding touch capability with GestureResponder and PanResponder

4. Module 4: Styling

- Issues with CSS
- Inline Styles
- Create Immutable style objects with Stylesheet.create
- Pass styles as props
- Positioning components with flexbox

5. Module 5: React Native APIs

- Using fetch to retrieve data
- Getting a user's location and handling permissions
- Accessing stored photos with CameraRoll
- Adding animations

6. Module 6: Deployment

- Deploying to Apple App Store
- Deploying to Android Play Store

7. Module 7: Authentication with Firebase

- A Common Root Component
- Copying Reusable Components
- What is Firebase?
- Firebase Client Setup
- Login Form Scaffolding
- Handling User Inputs
- More on Handling User Inputs
- How to Create Controlled Components
- Making Text Inputs From Scratch
- A Focus on Passing Props
- Making the Input Pretty
- Wrapping up Inputs
- Password Inputs

8. Module 8: Processing Authentication Credentials

- Logging a User In
- Error Handling
- More on Authentication Flow
- Creating an Activity Spinner
- Conditional Rendering of JSX



- Clearing the Form Spinner
- Handling Authentication Events
- More on Conditional Rendering
- Logging a User Out and Wrapup



G-21, Sector-03, Noida-201301
Contact#: 0120-4155255
helpdesk@cromacampus.com