Technocation Freelancing Training Institute & Software House

React Native Training Certification Course Outline

MODULE 1: Introduction to React Native

- Learn what React Native is
- Make apps for Android & iOS
- One code for both platforms
- Why kids love app making

MODULE 2: Setting Up Environment

- Install Node.js and React Native
- Set up Expo for easy apps
- Test app on mobile phone
- Write your first "Hello App"

MODULE 3: React Basics

- What is a component?
- Using props and states
- Create simple UI blocks
- Practice with small example

MODULE 4 : Styling in React Native

- Add colours and fonts
- Use Flexbox for layouts
- Design buttons and text
- Make app look beautiful

MODULE 5: Handling User Input

- Add text inputs and buttons

- Learn onChange and onPress
- Make a simple calculator
- Fun activity with name app

MODULE 6: Navigation in Apps

- Move between app screens
- Use stack navigation
- Add a bottom menu bar
- Make a mini multi-page app

MODULE 7: Using Images & Icons

- Show pictures in app
- Add local and online images
- Use icons with libraries
- Build a photo gallery app

MODULE 8: Working with Lists

- Show multiple items in a list
- Use FlatList and ScrollView
- Display student names or tasks
- Build a to-do app project

MODULE 9: Connecting to API

- Learn what API means
- Fetch online data in app
- Show weather or jokes in app
- Create a simple news app

MODULE 10: Adding Animations

- Why animations are important

- Learn basic motion effects
- Animate buttons or images
- Fun bouncing ball project

MODULE 11: Debugging & Testing

- What is a bug in coding?
- Learn to fix common errors
- Use console.log to test
- Make your app error-free

MODULE 12: Certification & Final Project

- Make your own full app
- Show features you learned
- Present app to teacher/friends
- Get React Native Kids Certificate