


## A Venture of Digitrix Infotech Pvt Ltd


Simplifying Successful Results

# React Native Industry-Ready Program ( 6 Months )

 Call / WhatsApp: 9041417268

 **Level:** Beginner to Job-Ready

 **Best For:** College students, freshers, aspiring mobile app developers, internship seekers

 **Goal:** Master React Native from basics to advanced app development with real-world projects, API integration, backend connectivity, and deployment concepts.

Highly suitable for software development roles, startups, freelancing, internships, and product-based companies.

## ★ Month 1 – Web & React Fundamentals

### Explanation:

Students build strong JavaScript and React foundations required before starting mobile app development.

### Topics Covered:

- Introduction to Web & Mobile Development
- HTML, CSS & JavaScript basics

- ES6 concepts
- Functions, arrays & objects
- DOM basics
- Introduction to ReactJS
- Components, props & state
- Hooks basics (useState, useEffect)

**Practical:**

- JavaScript practice tasks
- Small React projects
- UI component creation

★ **Month 2 – React Native Basics & UI Development**

**Explanation:**

Students learn how to create mobile applications using React Native and design responsive mobile interfaces.

**Topics Covered:**

- Introduction to React Native
- Environment setup
- Android Studio & Emulator setup
- Folder structure understanding
- Core components:
  - View
  - Text
  - Image
  - ScrollView
  - FlatList
- Flexbox & responsive layouts
- Styling with StyleSheet

- Reusable components

**Practical:**

- Create multiple app screens
- Build responsive mobile layouts
- UI cloning practice

## ★ Month 3 – Navigation, APIs & Dynamic Apps

**Explanation:**

Students learn how to build multi-screen applications and connect apps with APIs.

**Topics Covered:**

- React Navigation
- Stack & Tab Navigation
- Passing data between screens
- REST API concepts
- Fetch API & Axios
- Loading states & error handling
- Dynamic rendering
- JSON data handling

**Practical:**

- API-based apps
- News/Weather app
- Multi-screen mobile application

## ★ Month 4 – Forms, Authentication & State Management

**Explanation:**

Students learn how to manage user input, authentication flow, and application state.

**Topics Covered:**

- Forms & validations
- TextInput handling
- Login & Signup UI
- Authentication flow basics
- Context API
- Redux basics (introduction)
- useReducer concepts
- Protected screens concept

**Practical:**

- Login/Register app
- Authentication flow setup
- State management practice

**★ Month 5 – Backend Integration & Device Features****Explanation:**

Students integrate apps with backend services and explore device capabilities.

**Topics Covered:**

- Firebase introduction
- Firestore database basics
- Firebase Authentication
- CRUD operations

- AsyncStorage
- Push notification concepts
- Camera & gallery overview
- Location & permissions basics
- File upload concepts

### **Practical:**

- Firebase-connected app
- Data storage & retrieval
- Device feature integration

## **★ Month 6 – Advanced Concepts & Final Project**

### **Explanation:**

Students build a complete industry-style mobile application and learn deployment concepts.

### **Topics Covered:**

- Advanced API handling
- Performance optimization basics
- App debugging techniques
- Environment variables
- App deployment overview
- APK generation
- Play Store publishing process
- Resume & portfolio guidance
- Interview preparation

### **Final Project Options:**

- E-commerce App

- Food Delivery App UI
- Expense Tracker App
- Chat Application
- Task Management App
- Social Media App UI

### Practical:

- Build complete React Native project
- API & backend integration
- Deploy APK build
- Project presentation

### Final Outcomes After 6 Months

#### Students will be able to:

- Build professional mobile apps using React Native
- Create responsive & dynamic app interfaces
- Work with APIs & backend services
- Handle authentication & state management
- Integrate Firebase & device features
- Build complete real-world mobile applications
- Prepare for internships & software development jobs

### Why This Course is Popular

- High demand for React Native developers
- Cross-platform development for Android & iOS
- Real-world project-based learning
- Strong freelancing & startup opportunities
- Beginner-to-advanced structured roadmap
- Industry-oriented practical training
- Portfolio & career preparation included



## Freshers Salary Range

₹12,000 – ₹20,000/month *(based on skills & projects)*

## Our Location

 Digitrix Infotech Pvt Ltd.

3rd Floor, E-300, Industrial Area, Sector 75, Sahibzada Ajit Singh Nagar, Punjab

## Our Websites

 Academy: <https://www.digitrixacademy.com/>


 Company: <https://www.digitrix.com/>

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