

COUNTRYEDU PRIVATE LIMITED

GSTIN : 06AAJCC6151A1Z3 | CIN : U72900HR2021PTC096283

Email : query@countryedu.com, grievances@countryedu.com

React Native Development Immersion Internship

Designed by: CountryEdu Private Limited

By CountryEdu Private Limited

(IT Managed Services & EdTech Solutions)

Program Objective :

To transform students into job-ready React Native Developers capable of:

- Building cross-platform mobile applications for Android and iOS using React Native
- Understanding mobile application architecture, UI/UX principles, and React Native workflows
- Developing responsive and interactive mobile applications with API and database integration
- Gaining hands-on experience in app deployment, debugging, and performance optimization
- Learning industry-standard coding practices, version control, and mobile development workflows
- Preparing students for careers in Mobile App Development and Cross-Platform Engineering

Program Structure :

- Duration: 12 Weeks (3 Months)
- Mode: Hybrid / Live / Classroom
- Tools Used: React Native, JavaScript, Expo CLI, Node.js, Firebase, GitHub, VS Code, Android Studio
- Learning Model: Project-Based Learning Model
- Final Outcome: Ability to build and deploy cross-platform mobile applications using React Native + Internship Certificate

MONTH 1 – REACT NATIVE & MOBILE DEVELOPMENT FUNDAMENTALS

Week 1: Introduction to React Native

- Introduction to Mobile App Development
- Understanding React Native Framework
- Installing React Native Environment
- Expo CLI Setup
- JavaScript Fundamentals
- Building First React Native App

~ Outcome: Strong foundation in React Native and mobile application development basics

Week 2: UI Design & React Native Components

- React Native Components
- Text, View & Image Components
- Buttons & Input Fields
- Styling using StyleSheet
- Flexbox Layout in React Native
- Responsive Mobile UI Design

~ Outcome: Ability to create responsive and interactive mobile application interfaces

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Week 3: JavaScript & React Fundamentals

- ES6 Features
- Functions & Arrow Functions
- Arrays & Objects
- React Components & JSX
- Props & State
- Event Handling Basics

~ Outcome: Ability to build reusable and dynamic mobile app components

Week 4: Navigation & Advanced UI

- Navigation in React Native
- Stack & Tab Navigation
- Forms Handling
- Custom Components
- Animations & Transitions
- Mobile UI/UX Best Practices

~ Outcome: Ability to build professional and user-friendly mobile applications

MONTH 2 – BACKEND INTEGRATION & APP FUNCTIONALITY

Week 5: API Integration & Networking

- REST API Basics
- Fetch API & Axios
- JSON Parsing
- API Integration in React Native
- Error Handling Techniques
- Dynamic Data Rendering

~ Outcome: Ability to connect mobile applications with external APIs and services

Week 6: Firebase & Database Integration

- Introduction to Firebase
- Firebase Authentication
- Cloud Firestore Basics
- Realtime Database
- Data Storage & Retrieval
- Firebase Security Basics

~ Outcome: Ability to integrate backend services and databases with React Native applications

Week 7: Advanced React Native Features

- React Hooks Basics
- useState & useEffect
- Local Storage & AsyncStorage
- Push Notification Basics
- Camera & Gallery Integration
- App Performance Optimization

~ Outcome: Ability to build feature-rich and optimized mobile applications

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Week 8: GitHub & App Deployment

- Git & GitHub Workflow
- Version Control Basics
- Debugging & Testing
- APK Generation
- App Deployment Basics
- Google Play Store Introduction

~ Outcome: Ability to professionally manage and deploy React Native applications

MONTH 3 – LIVE PROJECT & CAREER READINESS

Week 9–10: React Native Project Development

Students work on real-world React Native Projects such as:

- Food Delivery App
- Expense Tracker App
- Chat Application
- E-Commerce Mobile App
- Weather Forecast Application
- Student Management App

Project Includes:

- Requirement Analysis
- UI/UX Planning
- Frontend & Backend Integration
- Testing & Debugging
- Final Project Presentation

~ Outcome: Ability to build complete real-world cross-platform mobile applications

Week 11: Deployment & Professional Workflow

- App Publishing Workflow
- Firebase Project Management
- Environment Configuration
- Project Documentation
- Portfolio Development
- GitHub Project Management

~ Outcome: Ability to professionally deploy and present React Native projects

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Week 12: Interview & Career Preparation

- React Native Interview Preparation
- Resume & LinkedIn Optimization
- Mock Interviews
- App Development Challenges
- Freelancing & Internship Guidance
- Career Pathways (React Native Developer, Mobile App Developer, Cross-Platform Developer, Software Engineer)
- ~ Outcome: Placement-ready React Native Developer with practical project experience

Key Skills Developed

- React Native Development
- JavaScript & React Fundamentals
- Mobile UI/UX Design
- Firebase Integration
- REST API Integration
- React Hooks & Navigation
- Git & GitHub Workflow
- App Deployment & Optimization

Target Roles After Completion

- React Native Developer
- Mobile App Developer
- Cross-Platform App Developer
- Frontend Mobile Developer
- Software Engineer
- Freelance React Native Developer

Why This Program is Industry-Ready

- ✓ 100% Project-Based Learning
- ✓ Real-world Mobile App Development Experience
- ✓ Cross-platform Application Development
- ✓ Industry-standard Development Practices
- ✓ Portfolio & Career Preparation Include

From Beginner to Professional — Become a React Native Development Expert in 3 Months.