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COUNTRYEDU PRIVATE LIMITED

GSTIN : 06AAJCC6151A1Z3 | CIN : U72900HR2021PTC096283

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

2-Months React Native Development Immersion Internship

Designed by: CountryEdu Private Limited

By CountryEdu Private Limited

(IT Managed Services & EdTech Solutions)

Program Objective :

- Understanding cross-platform mobile application development using React Native
- Developing expertise in JavaScript, React concepts, and mobile application architecture
- Learning responsive UI development, state management, and mobile navigation systems
- Building scalable Android and iOS applications using modern development practices
- Understanding API integration, backend connectivity, and mobile application optimization
- Preparing students for careers in React Native Development, Mobile App Development, and Cross-Platform Engineering

Program Structure :

- Duration: 8 Weeks (2 Months)
- Mode: Hybrid / Live / Classroom
- Tools Used: React Native, JavaScript, Expo CLI, Node.js, Firebase, GitHub, VS Code, Android Studio
- Final Outcome: Cross-Platform Mobile Application Project + Internship Certificate

MONTH 1 – REACT NATIVE DEVELOPMENT FOUNDATION

Week 1: Introduction to React Native & JavaScript Fundamentals

- Introduction to Mobile Application Development
- React Native Ecosystem & Architecture
- Environment Setup & Project Configuration
- JavaScript Fundamentals & ES6 Features
- Components, Props & State Management

~ Outcome: Strong foundation in React Native development and JavaScript programming concepts.

Week 2: UI Development & Responsive Design

- React Native UI Components
- Styling with StyleSheet & Flexbox
- Responsive Mobile Interface Design
- User Interaction & Event Handling
- Reusable Component Development

~ Outcome: Ability to create responsive and visually appealing mobile user interfaces.

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Week 3: Navigation & State Management

- React Navigation Fundamentals
- Stack, Tab & Drawer Navigation
- State Management Concepts
- React Hooks (useState, useEffect)
- Data Flow & Component Communication

~ Outcome: Ability to build structured applications with seamless navigation and efficient state management.

Week 4: Forms, Data Handling & Local Storage

- Form Design & Validation Techniques
- User Input Management
- AsyncStorage Fundamentals
- Data Persistence Strategies
- Mobile Application Best Practices

~ Outcome: Ability to manage user data and implement effective local storage solutions.

MONTH 2 – ADVANCED REACT NATIVE DEVELOPMENT

Week 5: API Integration & Backend Connectivity

- REST API Fundamentals
- API Requests Using Fetch & Axios
- JSON Data Handling
- Third-Party API Integration
- Error Handling & Data Validation

~ Outcome: Ability to connect mobile applications with backend systems and external services.

Week 6: Firebase & Mobile Application Features

- Firebase Fundamentals
- Authentication & User Management
- Firestore Database Integration
- Push Notifications
- Cloud Storage & Media Management

~ Outcome: Ability to build dynamic applications with authentication, database, and notification capabilities.

Week 7: Performance Optimization & Testing

- Application Performance Optimization
- Memory & Resource Management
- Debugging Techniques
- Testing Fundamentals
- Git & GitHub Version Control

~ Outcome: Ability to optimize application performance and maintain professional development workflows.

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Week 8: Deployment & Industry Best Practices

- Android APK Generation
- Application Deployment Process
- App Store & Play Store Fundamentals
- Security Best Practices
- Industry Development Standards

~ Outcome: Ability to prepare production-ready applications and follow professional deployment practices.

LIVE PROJECT & CAREER READINESS

Major Project Development

Students work on real-world React Native Development projects such as:

- Food Delivery Mobile Application
- E-Commerce Shopping Application
- Expense Tracker Application
- Healthcare Appointment System
- Student Management Application
- Travel & Booking Mobile App

Project Includes:

- Requirement Analysis & Planning
- UI/UX Design & Application Architecture
- API & Firebase Integration
- Testing & Performance Optimization
- Deployment Preparation
- Final Project Presentation

~ Outcome: Fully functional industry-level React Native application demonstrating cross-platform development, backend integration, and deployment capabilities.

From beginner to job-ready — Become a React Native Development Professional in 2 Months.