

# COUNTRYEDU PRIVATE LIMITED

GSTIN : 06AAJCC6151A1Z3 | CIN : U72900HR2021PTC096283

Email : [query@countryedu.com](mailto:query@countryedu.com), [grievances@countryedu.com](mailto:grievances@countryedu.com)

## 1-Month Android Development Immersion Internship

Designed by: CountryEdu Private Limited

### By CountryEdu Private Limited

(IT Managed Services &amp; EdTech Solutions)

#### Program Objective :

- Understanding Android application development, mobile application architecture, and user interface design
- Developing expertise in Android Studio, Java/Kotlin programming, and mobile app development workflows
- Learning Android UI components, activity lifecycle, database integration, and API connectivity
- Building responsive, scalable, and user-friendly Android applications
- Understanding app testing, deployment, security, and performance optimization techniques
- Preparing students for careers in Android Development, Mobile Application Development, and Software Engineering

#### Program Structure :

- Duration: 4 Weeks (1 Month)
- Mode: Hybrid / Live / Classroom
- Tools Used: Android Studio, Kotlin, Java, Firebase, SQLite, GitHub, REST APIs
- Final Outcome: Android Mobile Application Project + Internship Certificate

#### Week 1: ANDROID DEVELOPMENT FUNDAMENTALS

- Introduction to Android Development
- Android Architecture Overview
- Android Studio Setup & Configuration
- Java/Kotlin Programming Basics
- Activities & Application Lifecycle
- User Interface Fundamentals

~ Outcome: Strong foundation in Android development concepts and mobile application architecture.

#### Week 2: USER INTERFACE & APP FUNCTIONALITY

- Layouts & UI Components
- Buttons, Forms & Navigation
- RecyclerView & List Management
- Fragments & User Interaction
- Material Design Principles
- Responsive Mobile UI Development

~ Outcome: Ability to design and develop interactive and responsive Android user interfaces.

INDIA | UAE | CANADA | AUSTRALIA | MALAYSIA | HONG KONG | EUROPE REGION | OMAN

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## Week 3: DATABASE & API INTEGRATION

- SQLite Database Fundamentals
- Firebase Integration
- Data Storage & Retrieval
- REST API Fundamentals
- JSON Parsing Techniques
- Third-Party API Integration

~ Outcome: Ability to manage application data and integrate external services within Android applications.

## Week 4: TESTING, DEPLOYMENT & PROJECT DEVELOPMENT

- App Testing & Debugging
- Performance Optimization Techniques
- Android Security Best Practices
- Google Play Store Publishing Process
- Git & GitHub Version Control
- Project Development & Presentation

~ Outcome: Ability to build, test, optimize, and deploy Android applications professionally.

## LIVE PROJECT & CAREER READINESS

Students work on real-world Android Development projects such as:

- E-Commerce Mobile Application
- Student Management App
- Food Delivery Application
- Expense Tracker App
- Healthcare Appointment Booking App
- Task & Productivity Management App

Project Includes:

- Requirement Analysis & Planning
- UI/UX Design Implementation
- Database & API Integration
- Application Development & Testing
- Deployment & Optimization
- Final Project Presentation

~ Outcome: Hands-on experience in developing industry-level Android applications demonstrating mobile UI development, database integration, API connectivity, testing, and deployment capabilities.

**From beginner to job-ready – Become an Android Development Professional in 1 Month.**