



android

ROLASOFT PROFESSIONAL COMPUTER & IT
COURSES VERSION 2.0 LATEST

Diploma in Certified Android Mobile Application Developer

*Become a job-ready Android Developer in 6
months!*



Benefits of Studying Diploma in Android Mobile App with RolaSoft

✓ 1. Industry-Relevant Curriculum

Stay ahead with a syllabus designed by industry experts, focused on real-world applications of android.

✓ 2. Hands-On Training

Learn by doing — build real-time projects, develop applications, and gain practical coding experience.

✓ 3. Experienced Instructors

Gain insights from certified professionals and senior software engineers with years of teaching and industry experience.

✓ 4. Placement Assistance

Access job support services including resume building, mock interviews, and direct placement opportunities with partner companies.

✓ 5. Flexible Learning Modes

Choose between: **Online**, **Offline (at our center)**, or **Hybrid Classes**

Benefits of Studying Diploma in Android Mobile App with RolaSoft

✓ 6. Mini & Major Projects

Work on individual and group projects to strengthen your portfolio and impress future employers.

✓ 7. Certification Upon Completion

Earn a **Diploma Certificate** from **RolaSoft Technologies**, recognized by IT recruiters and employers.

✓ 8. Small Batch Size

Personalized attention and better interaction in small groups for an enhanced learning experience.

✓ 9. Affordable Fees & Installment Plans

Top-tier training at a reasonable cost, with flexible payment options.

✓ 10. Career-Oriented Skills You'll Gain at RolaSoft Technologies

RolaSoft ensures you're job-ready with the right tech stack and practical knowledge.

Diploma in Android Mobile App Course Details



Duration

Six (6) Months



Schedule

Weekdays / Weekends



Learning Modes

Online, Offline (at our center), or Hybrid Classes



Start Date

New batches start every month — enroll now!



Eligibility

No prior experience required

Android Mobile App Prerequisites

- ✓ Basic knowledge of mathematics and logical reasoning
- ✓ Basic knowledge of programming (preferably Java or Kotlin)
- ✓ Understanding of Object-Oriented Programming (OOP) concepts
- ✓ Familiarity with XML and UI design is a plus

Diploma in Android Mobile App – Program Details

Program Overview

This 6-month **Android Mobile Development** course by ***Rolasoft Technologies*** is a hands-on, project-driven training program designed to prepare students and professionals to develop real-world mobile apps using Android SDK, Java/Kotlin, and Firebase.

Starting from mobile fundamentals and Java/Kotlin basics, the course builds up to UI/UX design, data storage, APIs, notifications, and cloud integration. The program concludes with a capstone project to publish your first Android app.

Diploma in Android Mobile App Course Curriculum

Month 1: Introduction to Android & Java/Kotlin Basics

- ✓ Overview of Mobile App Ecosystem
- ✓ History & Architecture of Android
- ✓ Setting up Android Studio
- ✓ Emulator and Device Testing
- ✓ Java/Kotlin Basics
(Variables, Operators, Control Structures, Functions, Loops, Arrays, Object-Oriented Concepts)
- ✓ First "Hello World" Android App

Diploma in Android Mobile App Course Curriculum

Month 2: UI/UX Design & Activity Lifecycle

- ✓ Android Project Structure
- ✓ Views, Layouts (Linear, Relative, Constraint)
- ✓ TextView, EditText, Button, ImageView, etc.
- ✓ RecyclerView, ListView
- ✓ Navigation Components & Intents
- ✓ Activity Lifecycle & State Management
- ✓ Themes and Styles & Material Design Guidelines

Diploma in Android Mobile App Course Curriculum

Month 3: Advanced Components & Local Data Storage

- ✓ Fragments & Fragment Lifecycle
- ✓ Dialogs, Toasts, Snackbars
- ✓ Menus, Toolbars & Navigation Drawer
- ✓ Shared Preferences
- ✓ SQLite Database & Room Persistence Library
- ✓ Building a Local Notes App
- ✓ Data Validation & Error Handling

Diploma in Android Mobile App Course Curriculum

Month 4: Networking & API Integration

- ✓ Understanding REST APIs & JSON
- ✓ HTTP Requests using Retrofit / Volley
- ✓ Asynchronous Programming with Coroutines
- ✓ Consuming APIs (Weather, News, etc.)
- ✓ Authentication with APIs (OAuth2, Token-based)
- ✓ Parsing JSON and displaying in RecyclerView
- ✓ **Mini Project:** API-based News App

Diploma in Android Mobile App Course Curriculum

Month 5: Firebase, Cloud & Advanced Features

- ✓ Firebase Setup and Realtime Database
- ✓ Firebase Authentication
- ✓ Cloud Storage and File Upload
- ✓ Push Notifications with Firebase Cloud Messaging
- ✓ Using Google Maps API
- ✓ Location-based Services, Camera & Media Integration
- ✓ **Mini Project:** Chat or Location-based App

Diploma in Android Mobile App Course Curriculum

Month 6: Publishing, Monetization & Final Project

- ✓ App Optimization and Performance
- ✓ Debugging & Testing (Unit, UI Tests)
- ✓ APK Generation and Play Store Publishing
- ✓ AdMob Integration for Monetization
- ✓ **Capstone Project:** Full-featured Android App

Tools & Technologies Used

Tools & Technologies Used for **Android Mobile Application** Course are:

- ✓ Android Studio (Latest Version)
- ✓ Java / Kotlin Programming Languages
- ✓ Firebase (Database, Auth, Notifications)
- ✓ SQLite / Room Database
- ✓ Git & GitHub for Version Control
- ✓ Postman for API Testing

Final Capstone Project (End of 6 Months)

Students will complete an **industry-level project** in **Android Mobile Application** :

- ☒ Full-featured Android Mobile Application (Capstone Project)

Android Mobile App Learning Outcomes

By the end of this course, students will be able to:

- ✓ Understand the Android architecture and ecosystem
- ✓ Build beautiful, responsive user interfaces
- ✓ Develop fully functional mobile apps using Java/Kotlin
- ✓ Store and manage data locally and in the cloud
- ✓ Work with RESTful APIs and JSON
- ✓ Implement Firebase features for real-time functionality
- ✓ Be job-ready for entry to mid-level Android development roles

Certification Obtain

After completion of the program, the student will be awarded with a certificate:

Diploma in Certified Android Mobile Application Developer

The program also prepares students for industry certifications such as:

- ✓ Google Associate Android Developer (AAD) Certification
- ✓ Android Certified Application Developer (ACAD)
- ✓ Coursera / edX Android App Development Specializations
- ✓ Udacity Android Developer Nanodegree

Android Mobile App Career Opportunities

- ✓ Android Mobile App Developer
- ✓ Kotlin Multiplatform Mobile (KMM) Developer
- ✓ Android UI/UX Developer
- ✓ Android Backend API Integrator
- ✓ Android App Architect
- ✓ Android Test Automation Engineer
- ✓ Mobile App Security Specialist

Who Should Take This Android Mobile App ?

Who Should Take This **Certified Android Mobile App**?

- ✓ Beginners who want to become Android developers
- ✓ IT/Computer Science students
- ✓ Freelancers & startup founders
- ✓ Developers transitioning to mobile development
- ✓ Job seekers targeting Android or mobile dev roles
- ✓ Beginners and experienced developers looking to specialize in Android app development
- ✓ Entrepreneurs and professionals aiming to build Android apps for business

Rolasoft Technologies Services

Rolasoft Technologies – Services Offered

✓ **SOFTWARE DEVELOPMENT COMPANY**

(MOBILE APPLICATION, WEB APPLICATION, DESKTOP APPLICATION, CUSTOMIZED APPLICATION, E-COMMERCE WEBSITE)

✓ **PROFESSIONAL COMPUTER AND IT EDUCATION**

(TOP-UP PROGRAMS, DIPLOMA PROGRAMS, CERTIFICATE PROGRAMS, TECH @ SCHOOL, CORPORATE PROGRAMS, SIWES PROGRAMS, CUSTOMIZED PROGRAMS)

✓ **DIGITAL ADVERTISING AND BUSINESS BRANDING**

(SOCIAL MEDIA MARKETING, EMAIL MARKETING, CONTENT MARKETING, WEBSITE SEO, BRANDED CLOTHING, STICKERS AND TAG, CUSTOM BRANDING, AND MANY MORE)

✓ **INTERNATIONAL UNIVERSITY ADMISSION PROCESSING**

(AMERICA, UK, CANADA, EUROPE, AFRICA, AND MANY MORE)

Contact & Registration

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Enroll Today & Start Your Android Mobile App Journey!
Shape your future with Android Mobile App.