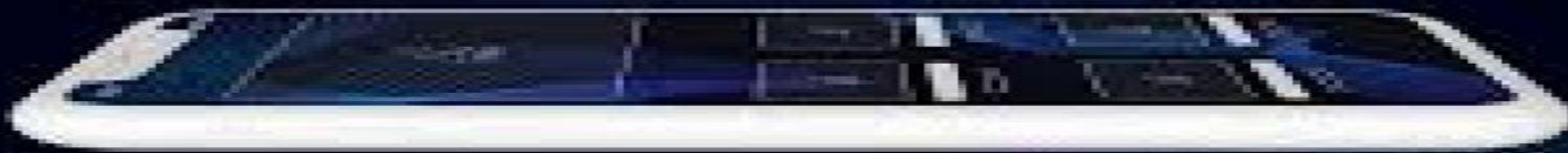


The Flutter logo, which consists of two blue chevrons pointing to the left, followed by the word "Flutter" in a white, sans-serif font.

Flutter



ROLASOFT PROFESSIONAL COMPUTER & IT
COURSES VERSION 2.0 LATEST

Diploma in Certified Flutter Mobile Application Developer

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



Benefits of Studying Diploma in Flutter Mobile App with RolaSoft

✓ 1. Industry-Relevant Curriculum

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

✓ 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 Flutter 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 Flutter 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

Flutter Mobile App Prerequisites

- ✓ Basic knowledge of mathematics and logical reasoning
- ✓ Basic programming knowledge (preferably in Java, JavaScript, or Python)
- ✓ Familiarity with object-oriented programming (OOP) concepts
- ✓ Understanding of REST APIs and UI/UX design is a plus

Diploma in Flutter Mobile App – Program Details

Program Overview

The **Flutter Mobile Application Development** course offered by ***Rolasoft Technologies*** is a comprehensive 6-month program designed to teach you how to develop beautiful and high-performance cross-platform mobile applications using **Flutter** and **Dart**.

This course covers the basics of Flutter, Dart programming language, state management, UI/UX design, integrating APIs, database storage, and advanced Flutter features like animations, Firebase, and Google Maps. The course is project-driven and culminates in a capstone project where you'll build and deploy a fully functional mobile application.

Diploma in Flutter Mobile App Course Curriculum

Month 1: Introduction to Flutter & Dart

- ✓ Introduction to Flutter and Dart Programming Language
- ✓ Setting up the Flutter Development Environment (Flutter SDK & Dart)
- ✓ Understanding Flutter Architecture
- ✓ Exploring Flutter Widgets (Stateless, Stateful, Inherited Widgets)
- ✓ Dart Basics: Variables, Functions, Loops, Collections
- ✓ Flutter App Structure and Directory Setup
- ✓ First Flutter App: "Hello World" App
- ✓ Understanding Hot Reload and Debugging

Diploma in Flutter Mobile App Course Curriculum

Month 2: Flutter UI Design & Layouts

- ✓ Flutter Core Widgets: Container, Column, Row, Stack, Expanded, etc.
- ✓ Flutter Layouts: Using Flexbox, Padding, Align, SizedBox, and more
- ✓ Building Forms in Flutter: TextFields, Buttons, and Validation
- ✓ Handling User Input and Events (Tap, LongPress, etc.)
- ✓ Styling Flutter Apps (Colors, Themes, Fonts)
- ✓ Building Lists with ListView & GridView
- ✓ Flutter Navigation: Routes, Named Routes, and Navigator
- ✓ **Project:** Simple To-Do or Notes App

Diploma in Flutter Mobile App Course Curriculum

Month 3: State Management & Data Persistence

- ✓ Introduction to State Management in Flutter
- ✓ Provider Package: Managing State Efficiently
- ✓ Using SetState, ScopedModel, and Riverpod
- ✓ Local Storage with SharedPreferences
- ✓ Data Persistence with SQLite and Moor
- ✓ Handling JSON and APIs with HTTP requests
- ✓ JSON Serialization and Deserialization
- ✓ **Project:** Contact List or Expense Tracker

Diploma in Flutter Mobile App Course Curriculum

Month 4: Networking & API Integration

- ✓ Understanding REST APIs and JSON
- ✓ Using HTTP & Dio for Networking
- ✓ Handling API Responses and Error Handling
- ✓ Parsing JSON data in Flutter
- ✓ Authenticating Users with JWT and OAuth2
- ✓ Working with Firebase Authentication
- ✓ Using Firebase Firestore as a NoSQL Database
- ✓ **Project:** Weather App or Movie Search App

Diploma in Flutter Mobile App Course Curriculum

Month 5: Advanced Flutter Features & Firebase Integration

- ✓ Flutter Animations: Implicit and Explicit Animations
- ✓ Working with Firebase Cloud Firestore
- ✓ Firebase Real-time Database Integration
- ✓ Firebase Cloud Messaging for Push Notifications
- ✓ File Uploads and Firebase Storage
- ✓ Google Maps and Location Services in Flutter
- ✓ Camera and Image Picker Integration
- ✓ **Project:** Social Media or Chat App

Diploma in Flutter Mobile App Course Curriculum

Month 6: Deployment, Optimization & Capstone Project

- ✓ App Performance Optimization and Debugging
- ✓ Testing Flutter Apps: Unit Tests and Widget Tests
- ✓ Flutter DevTools for Debugging
- ✓ Building and Deploying Flutter Apps for iOS & Android
- ✓ Handling Platform-Specific Features (iOS/Android)
- ✓ Preparing for App Store and Google Play Store Publishing
- ✓ **Project:** Full-featured Mobile Application (Capstone Project)

Tools & Technologies Used

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

- ✓ **Flutter SDK & Dart** Programming Language
- ✓ **Firebase** (Firestore, Auth, Storage, Cloud Messaging)
- ✓ **SQLite** for Local Data Storage
- ✓ **Google Maps API & Dio / HTTP** for API Requests
- ✓ **Provider** and **Riverpod** for State Management
- ✓ **Git & GitHub** for Version Control
- ✓ **Flutter DevTools** for Debugging
- ✓ **Android Studio / VS Code** as IDE

Final Capstone Project (End of 6 Months)

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

- ☒ Full-featured Mobile Application (Capstone Project)

Flutter Mobile App Learning Outcomes

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

- ✓ Understand the core concepts of **Flutter** and **Dart**
- ✓ Build cross-platform mobile apps for both **iOS** and **Android**
- ✓ Create interactive and responsive user interfaces
- ✓ Handle state management using **Provider** and **Riverpod**
- ✓ Integrate APIs, Firebase, and other backend services
- ✓ Implement real-time functionality with Firebase
- ✓ Use advanced Flutter features like animations, location services, and maps

Certification Obtain

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

Diploma in Certified Flutter Mobile Application Developer

The program also prepares students for industry certifications such as:

- ✓ Google Associate Android Developer (Kotlin/Java)
- ✓ Meta (Facebook) Certified Mobile App Developer
- ✓ Udacity – Flutter Development Nanodegree
- ✓ Udemy Flutter Certifications

Flutter Mobile App Career Opportunities

- ✓ Flutter Developer
- ✓ Full Stack Mobile Developer
- ✓ Freelance / Remote Flutter Developer
- ✓ Flutter UI/UX Specialist
- ✓ Technical Consultant / Architect (Flutter)
- ✓ Flutter + Web/Desktop App Developer
- ✓ Flutter Product Engineer / Startup Co-founder

Who Should Take This **Flutter Mobile App** ?

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

- ✓ Mobile developers looking to specialize in Flutter
- ✓ Web developers transitioning into mobile development
- ✓ Entrepreneurs and professionals wanting to build cross-platform mobile apps
- ✓ Aspiring mobile app developers
- ✓ Students or professionals interested in learning cross-platform app development
- ✓ Entrepreneurs or freelancers wishing to create their own mobile apps
- ✓ Developers looking to expand their skillset with modern mobile frameworks

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 Flutter Mobile App Journey!
Shape your future with Flutter Mobile App.