

Ignite the Flame of Education

Flutter-Powered Mobile App Innovator

Engage in Mobile App Development Mastery

Duration: 4 Months | Mode: Online | Level: Beginner to Advanced
Powered by [CodeEmy!](#)

 REGISTER NOW



Scope of **Flutter-Powered Mobile App** **Innovator**



25-30 million
jobs by 2025



\$150 billion
industry in India by 2025



24000 +
Indian businesses are
actively present on LinkedIn



78% CFOs
are set to spend more on
Android Development

Here is all the **Career Fields** you can excel at

Android App Developer

iOS App Developer

Flutter Developer

Mobile UI/UX Designer

Mobile App Architect

**Freelance App
Developer**

Integration Specialist

Mobile Designer

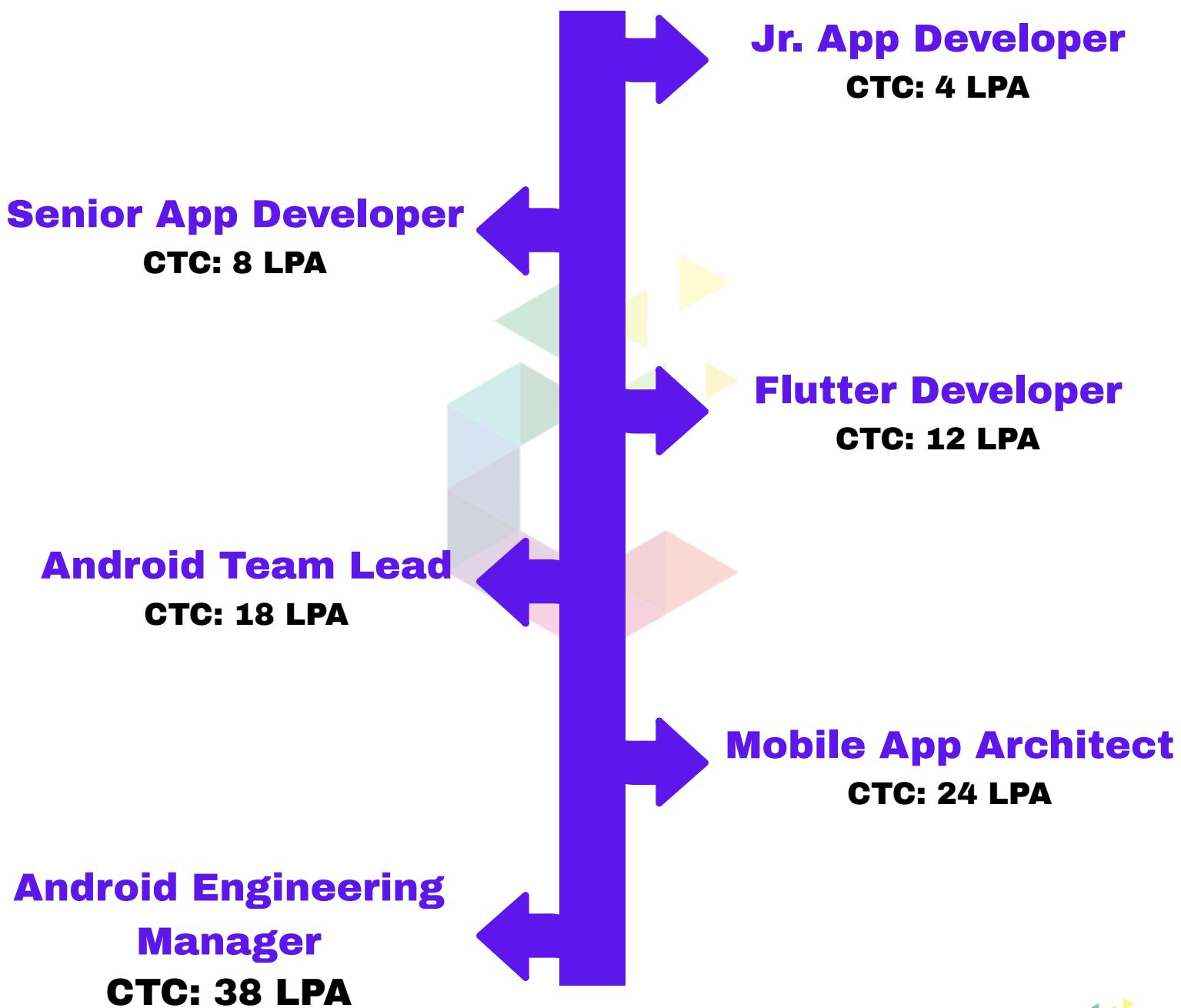
Mobile Analyst

Mobile Engineer

CAREERS



Here is how your **Career Trajectory** will look like



Why **CodeEmy** is Unique ?

Category	CodeEmy	UpGrad	SimpliLearn	Edureka	IIDE
Live Classes	✓	✓	✓	✓	✓
Placement Assistance	✓	✓	✗	✗	✓
Interview Training	✓	✓	✗	✗	✓
LinkedIn Profile & Resume Building	✓	✗	✗	✗	✗
Earn While your Learn	✓	✗	✗	✗	✗
Freelancing	✓	✗	✗	✗	✗
Campus Leader board across the college	✓	✓	✓	✗	✗
Lifetime Access to content	✓	✗	✗	✓	✓
Offline Project Fest (Every 3 Month once)	✓	✗	✗	✗	✗
Course Duration	3 - 4 Months	7-11 Months	5 Months	5 Weeks	4-5 Months
Price	₹15,000	₹ 1,05,000	₹ 1,00,000	₹ 20,000	₹ 72,000

△ **Disclaimer:**

The names of other companies mentioned here are used solely for comparison purposes to highlight the unique features of our offerings. We do not intend to misuse, defame, or misrepresent any organization in any way. There is no affiliation or endorsement implied. Our intent is purely informational and respectful.

UNIQUENESS

Week 1

- Basics of Mobile App Development
- Installing Flutter & Dart SDK
- Setting up Android Studio & VS Code
- Understanding Flutter Architecture
- **Project:** “Hello World” Flutter App

Week 2

- Dart Syntax, Variables, Data Types
- Control Statements & Functions
- Object-Oriented Programming in Dart
- Collections (List, Map, Set)
- **Project:** Calculator App in Dart

Week 3

- Flutter Widgets (Stateless & Stateful)
- Layouts: Column, Row, Stack
- Text, Images, Buttons in Flutter
- Hot Reload & Debugging
- **Project:** Simple Profile App

Week 4

- Material Design & Cupertino Widgets
- Navigation & Routes in Flutter
- AppBar, Drawer, Bottom Navigation Bar
- Styling & Theming in Flutter
- **Project:** Multi-Screen Travel App



Week 5

- Understanding State in Flutter
- `setState()` and State Lifecycle
- Provider & Riverpod for State Management
- **Project:** To-Do App with State Management

Week 6

- Form Widgets & Validation
- Handling User Input
- Keyboard Management & Focus Handling
- **Project:** Login & Registration App

Week 7

- HTTP Requests with REST API
- JSON Parsing in Flutter
- Handling API Responses & Errors
- **Project:** Weather App using OpenWeather API

Week 8

- SQLite Database Integration
- Shared Preferences for Local Storage
- Hive NoSQL Database Basics
- **Project:** Notes App with Local Storage



Week 9

- Introduction to Firebase
- Firebase Authentication (Email/Password, Google Sign-In)
- Firebase Realtime Database & Firestore
- Firebase Cloud Messaging (Push Notifications)
- **Project:** Chat App with Firebase

Week 10

- Accessing Device Features (Camera, Location, Sensors)
- Image Upload & File Handling
- Background Services & Notifications
- **Project:** Image Sharing App

Week 11

- Testing & Debugging Flutter Apps
- Building APK & IPA Files
- Publishing App on Google Play Store & Apple App Store
- App Store Optimization Basics
- **Project:** Deploy a Portfolio App

Week 12

Major Project Ideas:

- E-Commerce App with Firebase Backend
- Social Media App with Authentication
- Food Delivery App with Payment Integration
- Resume Building & GitHub Portfolio Setup
- Interview Preparation & Career Guidance



Hands - On Projects

Mini Projects (Beginner to Intermediate Level)

1. Simple Calculator App

- **Skills Used:** Dart, Flutter Widgets, State Management
- **Goal:** Create a basic calculator with addition, subtraction, multiplication, and division functions.

2. To-Do List App

- **Skills Used:** Flutter, Stateful Widgets, Local Storage (Shared Preferences)
- **Goal:** Build an app that allows users to add, delete, and mark tasks as completed.

3. Weather App

- **Skills Used:** Flutter, REST API Integration, JSON Parsing
- **Goal:** Fetch and display real-time weather data using OpenWeather API.

Major Projects (Advanced Level)

1. E-Commerce App

- **Skills Used:** Flutter, Firebase (Authentication, Firestore), Payment Gateway Integration
- **Goal:** Build a cross-platform shopping app with user authentication, product catalog, and cart.

2. Social Media App

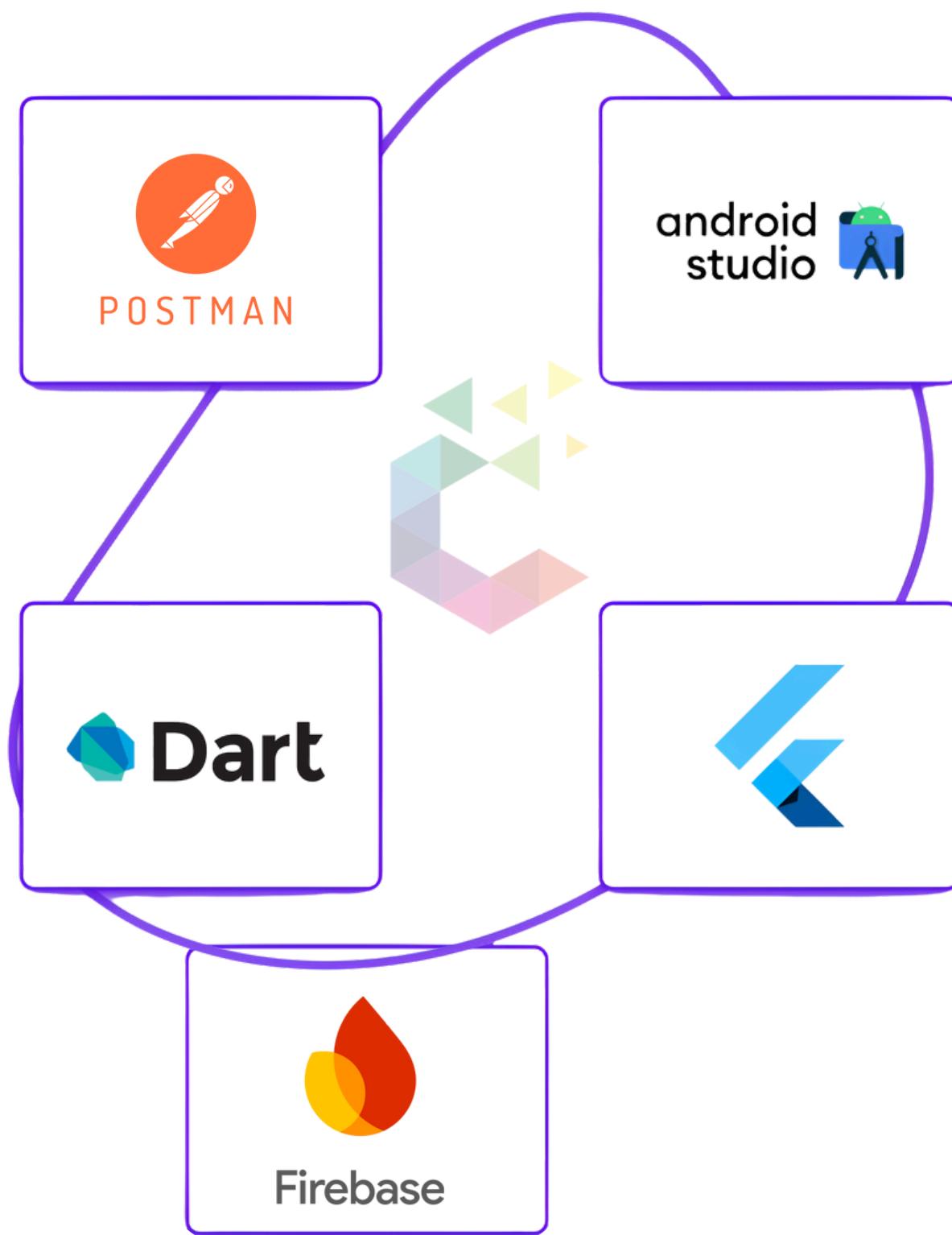
- **Skills Used:** Flutter, Firebase (Auth, Firestore, Storage), Push Notifications
- **Goal:** Create an app where users can create profiles, post images, and interact with others.

3. Food Delivery App

- Skills Used: Flutter, Google Maps API, Firebase, API Integration
- Goal: Build an app that allows users to browse menus, order food, and track delivery in real-time.

Tools

You will learn



Showcase

your learning journey

Certificate of Completion from CODEEMY



Certificate of Internship from CODEEMY



Approved by:



अखिल भारतीय तकनीकी शिक्षा परिषद्
All India Council for Technical Education



Contact Us

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