

Live Classes

with ZOOM

Flutter App Development

Complete Course – Batch 9th

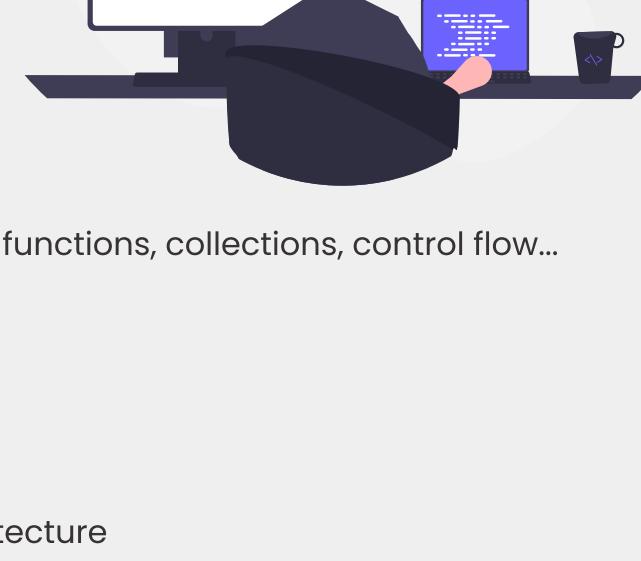
Duration: 5 months

Designed By: Afran Sarkar

Course Outline:

Lesson 1: Introduction to Flutter

- Introduction to Flutter
- Why Flutter
- Flutter vs. Other Frameworks
- Setting up Flutter Environment



Lesson 2: Dart Programming Language

- Basics of Dart: variables, data types, functions, collections, control flow...
- Asynchronous Programming in Dart
- Error Handling, Null Safety
- OOP with Dart

Lesson 3: Flutter

- Introduction to Flutter & Flutter Architecture
- Flutter Basics
- Widgets and Layouts
- Handling User Input
- Navigation and Routing
- State Management Approaches (Riverpod, Getx, BLoC)
- Networking and APIs
- Working with Device Features
- Persistence and Local Data Storage
- Integrating Third-Party Libraries
- Responsive Design and Adaptability

Lesson 4: Firebase

- Introduction to Firebase Backend
- Firebase Authentication
- Firebase Cloud Firestore
- Firebase Storage and Hosting
- Notifications
- Firebase Extensions
- Firebase Cloud Functions

Lesson 5: Figma

- Figma Basics
- Wireframes
- Prototyping
- 1 Project

Lesson 6: FlutterFlow

- Introduction to FlutterFlow
- Building Apps with FlutterFlow

Lesson 7: ChatGPT for Flutter Developers

- Generating code snippets with ChatGPT
- Debugging code with ChatGPT's assistance
- Enhancing productivity by automating repetitive coding tasks
- Optimizing Development Workflow

Lesson 8: Freelancing with Flutter

- Finding Freelance Jobs
- Project Management
- Building a Portfolio

Lesson 9: 1 Complete Project- like E-Commerce/Uber/LMS

- Frontend
- Firebase Backend
- State Management
- Clean Code

Lesson 10: Version Control

- Git & Github

- CI/CD

Lesson 10: Deployment

- Preparing for Release
- Reducing app size
- Publishing on Google Play Store
- Publishing on Apple App Store

Lesson 11: How to earn from ads

- Admob

- AppLovin

Lesson 12: Tips & Tricks

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