



## **Developing Apps in Flutter and DART**

### **Introduction**

- Are you a software developer looking to create highly responsive mobile applications for the iOS and Android platforms?
- Do you have a strong foundation in C, C++ or JavaScript and Web Programming?

Our Flutter and DART programming course will teach you how to develop highly responsive and functional cross-platform applications using a single body of code.

### **Pre-requisites**

Node

### **Course Details**

The course is conducted on-line for 25 hours. It will cover a wide range of development topics on Flutter and DART.

We will demonstrate different visual, behavioural and motion rich widgets

You will develop a feature rich Food Ordering application from scratch, using a step-by-step approach.

iOS and Android App development using Flutter and Dart – Course Contents

# Course Contents

<b>Hour #</b>	<b>Topic</b>
1	Introduction to Flutter & DART
2	Setting up the Programming Environment
3	Working with Widgets
4	Styling and Themes, Styling Containers and Text
5	Understanding Stateless and Stateful widgets
6	Handling User Inputs
7	UI Design & Prototyping using FIGMA
8	Building a Food-Ordering app – UI Design
9	Programming in DART – variables, data types and functions
10	Building applications with State & adding State to the Food Ordering App.
11	Creating a Grid and working with linear gradients
12	Programming in DART – Functions and arrow syntax
13	DART Program manager – incorporating packages into your projects

14	Navigation and Routes
15	Working with Multiple Screens
16	Extending the Food Ordering app with multiple screens
17	Adding User Authentication
18	Asynchronous Functions
19	Working with Remote Data
20	Working with API's
21	Adding Location and Weather Info using API's to the Food-Ordering app
22	Develop an App from scratch using Flutter & DART
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