

Flutter

(40 hours)

Introduction to Flutter and Dart

Introduction to Flutter and its advantages
Setting up Flutter development environment (Flutter SDK, IDE)
Dart language fundamentals
Variables, functions, and basic data types in Dart
Introduction to the Flutter framework
Creating a simple Flutter app
Understanding the Flutter widget tree
Exploring Flutter widgets for building UI
Layouts and styling in Flutter

Navigation and State Management

Implementing navigation between screens
Deep linking and route management
Overview of state management in Flutter
Using setState, InheritedWidget, and Provider for state management
Exploring advanced state management solutions like Riverpod or Bloc
Handling state with Flutter hooks

Networking and Data Handling

Making HTTP requests with Flutter
Handling API responses and error cases
Introduction to data models in Flutter
Fetching and displaying data from APIs
Using local databases (e.g., SQLite or Hive) in Flutter
Storing and retrieving data locally

Advanced Flutter Concepts

Implementing animations in Flutter
Creating custom widgets in Flutter
Flutter app architecture patterns

מבין לקוחותינו:

J.P.Morgan



דיסקונט



Cal.



Google

ebay



SONY

בנק הפועלים

Qualcomm



BROADCOM

harmonic

