Flutter Roadmap for Android & iOS

STAGE 1: Basics (You've completed Dart Basics!)

' Variables, functions, classes

' Null safety

' Futures, async/await, streams

STAGE 2: Flutter Fundamentals

' Project Setup: Install SDK, create app, folder structure

' Widgets & UI: StatelessWidget, StatefulWidget, Layouts

' User Input: TextField, Forms, Buttons, Inputs

' Navigation: Navigator, named routes

' Theming: ThemeData, Light & Dark mode

STAGE 3: Intermediate Development

' State Management: setState, Provider, Riverpod, BLoC

' API Integration: http, dio, JSON parsing

' Local Storage: SharedPreferences, Hive, SQFlite

' Firebase: Auth, Firestore, Messaging, Storage

' App Architecture: MVVM, Clean Architecture

STAGE 4: Advanced Concepts

' UI & Animations: Custom widgets, AnimationController, Hero, Lottie

' Native Features: Camera, Location, Permissions, Background tasks

' In-App Purchases & Ads

' Notifications: flutter_local_notifications, FCM

' App Lifecycle handling

STAGE 5: Deployment & Maintenance

' Testing: Unit, Widget, Integration tests

' Performance Optimization: DevTools, Lazy loading, Reduce app size

' Build & Release: Android (APK/AAB), iOS (TestFlight/App Store)

' CI/CD: GitHub Actions, Codemagic, Bitrise

BONUS: Multi-Platform Expansion

' Flutter Web

' Flutter Desktop (macOS, Windows, Linux)

' PWAs and responsive layout