Mobile App Development

Overview of Mobile Development

Mobile Development

- Native
  - Andriod: Java or Kotlin
  - iOS: Objective-C or Swift
- Cross-platform
  - React Native: JavaScript
  - Flutter: Dart

Native vs Cross-Platform

	Native	Cross-Platform
Time to market	Slow	Fast
Features	Full	Limited
Performance	More	Less
Cost	More	Less

React Native vs Flutter

- Popularity

React Native vs Flutter

	React Native	Flutter
Language	JavaScript	Dart
UI	Native UI and iOS components	Custom widget
Dev API	Core + 3rd party libs	Core
Dev option	More versatile	More streamlined
Performance	Slower	Faster

Source

Roadmap to learn Flutter

https://roadmap.sh/flutter

Getting Started with Flutter

- Install Flutter SDK

- Set up an editor (VS Code or Android Studio)

- Set up a device (emulator or physical device)

- Create a new Flutter project

- Run the app