

Mobile Development

Who am i?

- Niels Jakobsen
- AP Degree in Computer Science
- Native Android/iOS developer since 2015

How do i get started?

Do i need an app?

Benefits

- Easy access at all times
- Works offline
- Utilise sensors, bluetooth and other hardware
- Integrate with Siri, Google Assistant and other services

Preparations

- Prepare your Backend
 - Implement a REST API for you app to use
- Enrol in the developer program



How do i make an app?

Types of Apps

- Native
 - UIKit with Swift/Objective-C for iOS
 - Android SDK with Java/Kotlin for Android
- Cross Platform
 - React-Native
 - Xamarin
 - Unity
 - ... And more!
- Progressive Web app

Native App

- The best experience on mobile
 - Familiar controls
 - Solid performance
- Easy access to the full SDK for both iOS and Android
- Built with modern languages such as Swift and Kotlin
- Separate codebases for Android and iOS

Cross Platform

- Great for simple apps
 - Quickly get up and running on both platforms
 - One unified codebase
- Work with the tools you know
 - Javascript/TypeScript for React-Native
 - C# for Xamarin and Unity
 - ... And more!

Progressive Web App

- An alternative to a traditional app
- Allows you to save your website as an app on the users phone
- Enables offline access
- Great option for users who already use your website on mobile
- Avoid App Store and Google Play Store

Which should i choose?