

# 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?

[https://github.com/ncjtrifork/Presentations/raw/master/  
Code%20Night%20Mobile%20Development.pdf](https://github.com/ncjtrifork/Presentations/raw/master/Code%20Night%20Mobile%20Development.pdf)