

# Attila Nemet

## iOS Engineer

### Languages & Tools

- iOS, watchOS, tvOS, macOS development
- Xcode
- Swift
- Objective-C
- Cocoa Touch
- Auto Layout
- SwiftUI
- Combine
- App Store distribution
- Object-oriented programming
- Reactive programming
- Functional programming
- Protocol-oriented programming
- MVC
- MVVM
- Dependency Injection
- TDD
- XCTest
- UI testing
- Snapshot testing
- Core Data
- Core Bluetooth
- Swift Package Manager
- CocoaPods
- Fastlane
- Jenkins
- Code generator tools
- Mobile security tools
- Server-Side Swift
- Vapor
- REST APIs
- Git
- JIRA
- Agile
- Scrum
- BDD

### Experience

#### Starling Bank - 2021 - Present

Senior iOS Engineer, London - [www.starlingbank.com](https://www.starlingbank.com)

Working as a product engineer in the Customer Services engineering group, delivered the following features:

- AI-powered spending intelligence
- Virtual cards
- Call status indicators & call routing
- Customer feedback surveys
- Settle Up flow
- Apple Wallet extension

#### Lloyds Banking Group - 2017 - 2021

Senior iOS Engineer, London - [www.lloydsbankinggroup.com](https://www.lloydsbankinggroup.com)

Started working on re-platforming the retail banking apps of the Group (Lloyds, Halifax, Bank of Scotland, MBNA). Lead the refactoring of the payments feature of the apps by establishing a new architecture based on modern principles and latest features of Swift and the iOS SDK using MVVM. Added extensive unit and UI test coverage and performed code reviews. Worked on Faster Payments, Direct Debits, standing orders, subscriptions, PayM, credit card & mortgage payments, Open Banking payments and cheque scanning.

Recently worked on the commercial banking apps and new payment features, such as biometric authentication, frequent payees and Save the Change. Implemented regulatory requirements such as Strong Customer Authentication and Confirmation of Payee. Worked on multiple fraud intervention features. Started working on a backend-driven architecture and modularisation in order to reduce cycle times and make the codebase future-proof.

## Trim Ventures - 2017

iOS Engineer, London - [www.mojo.london](http://www.mojo.london)

Built four apps for an online barbershop booking platform called Mojo. As the sole iOS developer I was also responsible for the UI/UX of the apps. I have gained some experience as a product manager as well in creating new features from the founders' ideas and translating them to the backend team.

All apps were written in Swift with MVVM. Created iOS frameworks to provide the shared functionalities of the four apps and modularise them.

## VINAYA Technologies - 2016 - 2017

Junior iOS Developer, London - [www.vinaya.com](http://www.vinaya.com)

Developing a new app in Swift for the release of VINAYA's new product ALTRUIS X.

The VINAYA app offers curated content, tools, and data-driven insights that inspire a more mindful life. The app is designed to pair with a Bluetooth-enabled VINAYA smart accessory to bring you advanced personalised insights and help you stay connected, not distracted.

The app was built in Swift with MVC. This project provided extensive knowledge around Bluetooth and the Core Bluetooth framework on iOS for communication with the accessory.

## Astron Informatics - 2013 - 2014

Data Engineer, Budapest - [www.astron.hu](http://www.astron.hu)

Data engineering of Vicos OC 501 software developed by Siemens AG.

Delivering the first release of the operation control system for the Hong Kong East Rail Line.

## Projects

### Mind The App - 2023 - Present

[apps.apple.com/app/id1534048719](https://apps.apple.com/app/id1534048719)

The app shows live service updates for the London public transport system. This project is mainly used for exploring the latest technologies across Apple platforms. It was built using SwiftUI, the SwiftUI app lifecycle and Swift 6 with structured concurrency. It's available on iOS, iPadOS (including an iMessage app), watchOS, tvOS and macOS. It supports a number of platform features such as widgets, shortcuts, app intents, live activities, rich push notifications, app clips, Apple Watch complications, Spotlight integration and in-app purchases. The backend was built using Vapor with a CloudKit database.

## Education

### Computer Engineering BSc - unfinished - 2013

Budapest University of Technology and Economics

Budapest, Hungary