Kirlos Yousef iOS Software Engineer

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Results-driven iOS Engineer with **5+ years** of experience developing high-quality mobile applications. Proven expertise in building scalable apps, SDKs, and seamless third-party integrations. **Developed and published** several apps on the App Store, including AI-powered applications. Passionate about crafting user-centric apps with clean architecture, performance optimization, and exceptional user experience. Skilled in collaborating with global teams to deliver impactful products.

WORK EXPERIENCE

iOS Software Engineer, *Iomob - The Internet of Mobility* 🔗 — Feb 2021 – Feb 2025 · Barcelona, Spain (Remote)
- Developed a robust **iOS SDK** for global mobility marketplace integration
- Delivered **3 client apps** built on top of the SDK, optimizing app performance and stability
- Designed and implemented **unit tests**, achieving comprehensive code coverage
- Worked in **Agile environments**, delivering high-quality features within tight deadlines

Database Systems Teaching Assistant, *University of Debrecen* — Feb 2019 – Jun 2019 · Debrecen, Hungary
- Taught **Oracle SQL** to 20+ students with personalized guidance
- Conducted assessments and practical workshops, achieving a **90% student pass rate**
- Simplified complex topics to enhance comprehension and engagement

EDUCATION

B.S. Computer Science, *University of Debrecen* — 2017 – 2020 · Debrecen, Hungary
- Awarded **fully funded scholarship** with the **highest GPA in the class**

PROJECTS

RaceMe, *Real-world running competitions with live leaderboards and BOT players* 🔗 — 2024 – present
- Designed and built **iOS and watchOS apps, backend, and AI-powered BOT system**
- Developed a robust system for engaging experience with **leveling, stats, and milestones**
- Implemented social features like **friend connections, chats, and dynamic leaderboards**

AI SmartQuiz, *AI-powered quiz app with custom dynamic quizzes* 🔗 — 2024 – 2024
- Integrated AI to generate quizzes and personalized difficulty-based rewards
- Developed a **custom topic feature** allowing users to generate questions on any topic

Focus4, *Productivity app with personalized AI suggestions* 🔗 — 2024 – 2024
- Developed a gamified focus-tracking system with **streaks and calendar insights**
- Designed an interactive experience featuring a **virtual bird character** with animations

LNER Door to Door, *Journey planning app for the UK railway system* 🔗 — 2022 – 2024
- Built **geolocation services**, taxi bookings, and **secure payments**
- Collaborated with designers to **align UI with wireframes**, boosting user satisfaction
- Improved performance through **data caching and optimized API requests**

BrightBike/BrightLine, *Bikeshare app for urban mobility in West Palm Beach* 🔗 — 2021 – 2022
- Integrated **real-time bike tracking** and **secure payments**
- Enhanced performance and optimized **offline caching** mechanisms

IOM SDK, *Swift SDK for Mobility-as-a-Service solutions* 🔗 — 2021 – 2024
- Developed **modular microservices architecture** to enhance maintainability
- Delivered **comprehensive unit test coverage** with XCTest
- Ensured seamless **client integration** with detailed technical documentation

KEY SKILLS

Languages & Frameworks
Swift, Objective-C, UIKit, SwiftUI, Combine, RxSwift, Core Data, Core Location, Mapbox, Alamofire

Architecture
MVC, MVVM, Dependency Injection, Microservices, Clean Architecture, SOLID

Testing & Tools
Xcode, Fastlane, Git, Postman, CocoaPods, Swift Package Manager, XCTest, XCUITest

Payments & Authentication
Stripe, In-App Purchase, Sign in with Apple, Google Sign-In

AI & Cloud Services
Firebase, OpenAI, AI & Prompt Engineering

Modern Technologies
Agile, Swift Concurrency