Kirlos Yousef *Senior iOS Engineer*

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Senior iOS Engineer with over 5 years of expertise building scalable solutions, having published 5+ applications to the App Store. Proven success in developing a core SDK adopted by more than 10 enterprise clients, including major partners like Ford, Renfe, and Vueling.

TECHNICAL SKILLS

Languages & Frameworks: Swift, Objective-C, SwiftUI, UIKit, Combine, Core Data, Core Location, Swift Concurrency

Architecture & Design Patterns: MVC, MVVM, SOLID, Dependency Injection, Microservices

Testing, Tools & Workflows: Xcode, CocoaPods, SwiftPM, Swift Testing, XCTest, XCUITest, Postman, Git, Fastlane, Agile

Integrations & Services: Firebase, Supabase, OpenAI, Stripe, In-App Purchase, Sign in with Apple, Google Sign-In

WORK EXPERIENCE

iOS Team Lead, *Iomob - The Internet of Mobility* 🔗   2024 – 2025 | Barcelona, Spain (Remote)
- Led a team of 5 iOS developers, delivering 2 enterprise apps by overseeing the full development lifecycle
- Mentored junior engineers, enhanced team skills through code reviews, and established code quality standards, accelerating the feature delivery cycle by ~20%

iOS Software Engineer, *Iomob - The Internet of Mobility* 🔗   2021 – 2024 | Barcelona, Spain (Remote)
- Built a scalable iOS SDK to unify 10+ mobility providers (including Uber & Bolt), cutting integration time by 40%
- Improved API performance using Combine and caching, reducing payload parsing time by ~25% in real-world tests
- Implemented rigorous unit and UI testing for critical SDK components, ensuring high reliability for enterprise clients
- Contributed significantly to enterprise apps, implementing performance-first architecture and core features

Database Systems Teaching Assistant, *University of Debrecen* 🔗   2019 | Debrecen, Hungary
- Taught Oracle SQL and database design to 20+ students, simplifying complex topics (e.g., query optimization)

KEY ACHIEVEMENTS

- Developed SDK adopted by 10+ enterprise clients (including Ford, Renfe, and Vueling)
- Delivered 35% latency reduction and 20% server cost savings through API and caching optimizations
- Published 5+ apps, including AI-driven solutions and productivity tools

PROJECTS

LNER | iOS, *Journey planning app for the UK railway system* 🔗
- Integrated Stripe payments with tokenization, cutting checkout time to 8 seconds and achieving PCI compliance
- Reduced trip-planning load times by 35% through geolocation optimizations using Mapbox
- Cached frequent route data, improving API efficiency and reducing server costs by ~20%

RaceMe | iOS/watchOS, *GPS-powered running app with real & AI competitors, live leaderboards, and social challenges* 🔗
- Built AI BOTs to simulate human running behavior, enabling competitive races without requiring a large user base
- Implemented real-time leaderboards and social features (friend challenges, chat), achieving 99.8% message reliability
- Integrated gamification (leveling, milestones), boosting average session time to 15+ minutes

AI SmartQuiz | iOS/iPadOS, *AI-powered quiz app with custom dynamic quizzes* 🔗
- Integrated OpenAI API to dynamically generate quizzes across 20+ topics, reducing question creation time by 70%
- Developed a custom topic engine, allowing users to input any subject and receive tailored quizzes in <2 seconds
- Introduced adaptive difficulty algorithms, increasing average session duration by 30%

Focus4 | iOS/iPadOS, *Productivity app with personalized AI suggestions* 🔗
- Created a gamified focus tracker with streaks and calendar insights to boost user engagement
- Designed an interactive animated virtual bird companion, boosting daily app opens by 25%

BrightBike/BrightLine | iOS, *Bikeshare app for urban mobility in Palm Beach* 🔗
- Designed a bikesharing system with real-time map clustering, GPS bike tracking, and dynamic pricing logic
- Optimized offline caching, enabling offline functionality for core features

EDUCATION

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