

Kirlos Yousef *Senior iOS Engineer*

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iOS Software Engineer with 5+ years of expertise in building scalable apps, SDKs, and AI-powered solutions. Proven success in performance optimization, Agile collaboration, and publishing 5+ apps on the App Store

TECHNICAL SKILLS


Languages & Frameworks: Swift, Obj-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, 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 Software Engineer, Iomob - The Internet of Mobility (Remote)  Feb 2021 – Feb 2025 | Barcelona, Spain

- Architected a modular iOS SDK for 10+ mobility providers, streamlining integrations and client workflows
- Successfully shipped 2 enterprise apps with 25–35% performance gains by enforcing code quality
- Optimized API performance using Combine and caching strategies, reducing payload processing time by 25%
- Achieved 95% unit test coverage for SDK components, ensuring reliability and maintainability

Database Systems Teaching Assistant, University of Debrecen Feb 2019 – Jun 2019 | Debrecen, Hungary

- Taught Oracle SQL and database design to 20+ students, simplifying complex topics (e.g., query optimization)


PROJECTS

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

LNER Door to Door | iOS, Journey planning app for the UK railway system 


- Built geolocation services with Mapbox, Improved user experience by reducing trip-planning load times by 35%
- Integrated Stripe payments with tokenization, cutting checkout time to 8 seconds and achieving PCI compliance
- Improved API efficiency by caching frequent routes, reducing server costs by 20%

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, achieving 98% data consistency across devices
- Designed an interactive animated virtual bird companion, boosting daily app opens by 25%

BrightBike/BrightLine | iOS, Bikeshare app for urban mobility in Palm Beach 

- Implemented real-time bike tracking, achieving 98% accuracy in GPS updates
- Optimized offline caching, enabling offline functionality for core features

KEY ACHIEVEMENTS

- Developed SDK adopted by 5+ enterprise clients, cutting integration time by 40% and reducing bugs by 60%
- Delivered 35% latency reduction and 20% server cost savings through API and caching optimizations
- Published 5+ apps, including AI-driven solutions and productivity tools
- Led a team of 5 iOS developers to deliver 2 enterprise apps (geolocation, payments, offline functionality), ensuring alignment with technical and business goals

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