

MOHAMED NAJEH

Senior iOS Engineer

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PROFESSIONAL SUMMARY

Senior iOS Engineer with 5+ years of experience designing, developing, and optimizing high-performance iOS applications across transportation, healthcare, real estate, and finance. Expert in **Swift, SwiftUI, UIKit, Objective-C, MVVM, MVC, and Clean Architecture**, with hands-on experience in **Combine, reactive programming, REST APIs, GraphQL, Firebase, and AWS AppSync**. Proven track record delivering scalable production apps, reducing crash rates, conducting code reviews, and mentoring junior engineers across the full software development lifecycle.

KEY ACHIEVEMENTS

- Delivered 15+ production iOS apps across transportation, healthcare, real estate, and e-commerce.
- Increased user retention by 15% after leading Drovox Passenger app architecture overhaul (MVC → MVVM).
- Reduced crash rate by 10% via advanced optimization, improved memory management, and performance tuning.
- Migrated full real-time backend from Firebase → AWS AppSync, improving scalability and data sync reliability.
- Conducted regular code reviews and enforced coding standards and best practices across engineering teams.
- Taught and mentored 40+ junior engineers in professional iOS development and app architecture.
- Won 1st Place in the Ebdaa Competition for graduation project excellence.

PROFESSIONAL EXPERIENCE

Senior iOS Developer — Drovox | Apr 2022 – Present | Riyadh, Saudi Arabia

- Revamped Passenger App architecture from MVC to MVVM using Clean Architecture principles, increasing modularity and feature scalability.
- Designed and developed advanced iOS features using Swift, UIKit, and SwiftUI, adhering to Apple Human Interface Guidelines (HIG).
- Optimized application performance for scalability and reliability; contributed to a 15% increase in user retention and 10% reduction in crash rate.
- Migrated real-time backend from Firebase Realtime Database to AWS AppSync with GraphQL, enabling smoother live ride tracking.
- Collaborated with product managers, designers, and backend engineers to define and implement new features under tight deadlines.
- Conducted code reviews, enforced coding standards, and mentored junior engineers.
- Leveraged MapKit, Google Maps SDK, and Core Location for pickup, routing, and live tracking functionality.
- Utilized XCTest for unit testing and UI testing to ensure application quality.

Senior iOS Engineer — Shabek (Part-Time) | Dec 2024 – Present | Riyadh, Saudi Arabia

- Built "Yozya," a real estate iOS application using Swift, UIKit, and MVVM architecture from concept to App Store deployment.
- Implemented 3D property viewing, integrated service flows (housekeeping, transportation), and modular feature design.
- Participated in full software development lifecycle including requirements gathering, design, development, and release.

iOS Developer — Lnr Technologies (Part-Time) | *Nov 2022 – Jul 2023 | Remote, Cairo*

- Designed and developed five healthcare iOS applications (Clinic, Patient, Scans, Labs, Pharmacy) from scratch using Swift, UIKit, and Clean Architecture.
- Integrated NFC technology for medical card scanning and REST APIs for seamless third-party library and backend connectivity.
- Ensured performance optimization and applied best practices for memory management and code quality.

iOS Instructor — Atmosphere Software (Contract) | *Jul 2023 – Jul 2024 | Remote, Cairo*

- Delivered structured iOS training covering Swift, SwiftUI, UIKit, MVVM, app architecture, and API integration.
- Developed course materials, coding challenges, and real-world guided projects; mentored 40+ students from ideation to App Store deployment.

iOS Developer — Termno | *May 2020 – Oct 2020 | Remote, Cairo*

- Developed two customized e-commerce iOS apps in Swift, working closely with UI/UX teams to deliver intuitive interfaces.
- Enhanced REST API integration for product, order, and payment flows; refactored legacy Objective-C codebases.

TECHNICAL SKILLS

Languages: Swift • SwiftUI • UIKit • Objective-C • Combine

Architecture: MVVM • MVC • Clean Architecture

iOS Frameworks: Core Data • Core Animation • Core Location • MapKit • NFC

Backend & APIs: Firebase • AWS AppSync • REST APIs • GraphQL • Socket.IO

Testing: XCTest • Unit Testing • UI Testing

Reactive Programming: Combine • RxSwift (familiar)

Tools: Xcode • Instruments • Git • TestFlight • SwiftLint • Google Maps SDK

EDUCATION

M.Sc. in Data Science (In Progress) | *Cairo University — 2024–Present*

Focused on machine learning, statistical modeling, and data-driven decision making.

B.Sc. in Computer Science | *Luxor University — 2016–2020 | Grade: Very Good*

Graduation Project: Excellent — 1st Place, Ebdaa Competition.

Professional Diploma — iOS Mobile App Development | *ITI (MCIT) — Dec 2021–Mar 2022*

APP STORE PROJECTS

- YOZYA — Real estate iOS app (Swift, UIKit, MVVM, 3D property viewing)
 - Drovax Ecosystem — Passenger, Merchant, Hero apps (Transportation)
 - Lnr Healthcare Suite — Clinic, Patient, Labs, Pharmacy, Scans (5 apps)
 - Atmodrive Driver — Transportation app
 - Haftaa — Marketplace app
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