

Mohammad Ihmouda

Senior iOS Engineer | Digital Health Specialist | AI-Driven Development

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PROFESSIONAL SUMMARY

Senior iOS Engineer with 10+ years of experience specialising in **digital health applications** — building privacy-first, clinically-aligned mobile products used by hundreds of thousands of patients across the Middle East and USA. Expert in Swift, SwiftUI, UIKit, Combine, and Clean Architecture, with a strong track record of delivering polished, high-performance consumer apps at scale. Experienced in integrating wearable and BLE health devices, offline-first architectures, and AI-driven development workflows using **Claude Code**. Passionate about building products that genuinely improve people's health outcomes.

WORK EXPERIENCE

Senior iOS Engineer | [Homyt](#) | Feb 2024 – Present

Location-based social media platform · 3M+ downloads · 450K DAU

- **Led full re-architecture of [Redz](#)** — a high-scale consumer app — achieving 2× improved responsiveness, 4.9 App Store rating, and 5M daily views.
- **Optimised multi-threaded video preloading pipeline:** 50% faster playback, 40% reduced startup latency, 70% fewer stalls on constrained networks — demonstrating deep expertise in performance-critical mobile engineering.
- **Built offline-first data layer** ensuring seamless UX on poor network conditions, directly paralleling Flo's requirement for offline-first architectures.
- **Integrated Apple & Google subscription payments**, boosting subscription recovery by 30% and owning end-to-end App Store release workflows.
- **Adopted agile delivery model**, increasing sprint velocity by 35% through structured CI/CD pipelines and automated release workflows.

Senior iOS Engineer | [Meuhedet Health Services](#) | Apr 2022 – Oct 2023

Digital health · Patient monitoring · BLE wearable integration · Middle East & USA

- **Developed [Angie](#)**, a clinically-backed digital health app improving medical adherence by 30% and reducing care coordination response times by 25% — featured on the App Store with 10K+ downloads.
- **Led BLE integration with [iHealth](#) medical devices** for real-time patient vital monitoring, improving health data utilisation by 25% and enabling personalised health insights at scale.
- **Delivered privacy-first architecture** aligned with healthcare data regulations, with Keychain, biometric auth, and secure token management throughout.
- **Improved codebase quality through strategic refactoring**, reducing defects by 20% and increasing feature delivery velocity by 15%.

Senior iOS Engineer | [ASAL Technologies](#) | Apr 2019 – Apr 2022

Digital health platform · 20+ global health startups · NYC & Ramallah

- **Engineered RMDY**, a white-label digital health platform supporting 20+ global health startups — delivering personalised patient engagement features, health data pipelines, and wearable API integrations (HealthKit, Fitbit).
- **Integrated Twilio audio/video calling SDK**, improving remote patient accessibility by 40% and enabling telehealth features across multiple markets.
- **Built automated testing pipelines (XCTest, UI Testing)**, reducing test cycle time by 60% and significantly improving release stability and confidence.
- **Implemented biometric auth and Keychain-based secure token storage**, setting security standards across all white-label health products.

iOS Engineer | [Harri](#) | Mar 2018 – Apr 2019

- **Designed and shipped four iOS apps** (Harri, Harri Hire, Harri Manage, TeamHub), achieving a 25% uplift in user engagement and 50% user base growth for TeamLive in its first year.
- **Improved app performance and reduced memory footprint through profiling and refactoring**, increasing user retention by 20%.

iOS & PHP Laravel Developer | Freelance | Sep 2016 – Mar 2018

- **Delivered end-to-end mobile apps including** [Ya Translator](#) (48+ spoken languages), [IWheather FC°](#), and [Palestinian Policy](#) — a citizen engagement platform.

iOS & PHP Developer | [H+W CONSULT](#) | Jun 2013 – Sep 2016

- **Built Enerchi iOS app** with real-time Firebase backend, cloud functions, authentication, and crash reporting from the ground up.

TECHNICAL SKILLS

iOS & Languages

Swift, SwiftUI, UIKit, Objective-C, SpriteKit, Swift Concurrency (async/await), GCD

Reactive & Architecture

Combine, RxSwift, MVVM, Clean Architecture, Modular Design, Offline-first patterns

Health & Device Integration

Apple HealthKit, CoreBluetooth/BLE, iHealth SDK, Fitbit API, CallKit, Twilio SDK

Data & Security

CoreData, SwiftData, Realm, Keychain, Biometric Auth, Secure Token & Cryptography, Firebase

Tooling & Delivery

Xcode Instruments, CI/CD, XCTest, UI Testing, CocoaPods, SPM, Git, Crashlytics

AI-Driven Development

Claude Code, GitHub Copilot — integrated into daily engineering workflow for accelerated delivery

EDUCATION

Bachelor in Computer Engineering · An-Najah National University · 2009 – 2013

Eligible for EU Blue Card

OPEN SOURCE & PROJECTS

- **Open Source:** [JNMentionTextView](#), [JNSegmentedControl](#) — community-adopted iOS components.
- **Personal Projects:** [Diffora](#), [Astro Fleet \(SpriteKit\)](#), [Interactive Tales](#) — demonstrating product initiative and UI craft.
- **Award:** 1st Place, [JA-PAL DIGIBIZ SOLUTION \(2018\)](#) — serious game for children with Autism.

LANGUAGES

English C1 · **German** A1 · **Arabic** Native