# Ahmad Abdul-Jawad Mahmoud

## iOS Tech Lead & Architect

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**Senior iOS Tech Lead** with 10+ years of experience leading mobile development teams and architecting scalable iOS applications. Expert in modern SwiftUI, team leadership, and delivering high-performance apps used by millions of users across the MENA region.

# PROFESSIONAL EXPERIENCE

## Senior iOS Tech Lead
### Marn (POS Solutions)

Aug 2019 - Present

- Lead and mentor iOS development team of 5+ developers building enterprise POS solutions
- Architect scalable offline-first systems using CoreData with seamless cloud synchronization serving +20k restaurants/cafes
- Design and implement sophisticated table management, order processing, and inventory tracking systems
- Spearhead migration to SwiftUI and adoption of modern iOS development practices (Combine, async/await)
- Collaborate with product, design, and backend teams to deliver high-impact features and drive technical roadmap
- Optimize app performance resulting in 40% faster load times and 99.8 ~ 99.9% crash-free rate
- Establish CI/CD pipelines and automated testing practices reducing deployment time by 60%

## Senior iOS & Apple Watch Developer
### Ego | The Ride Hailing App

Mar 2018 - May 2019

- Developed comprehensive ride-hailing ecosystem (iOS, watchOS) serving 15M+ users across Saudi Arabia market
- Implemented real-time GPS tracking and navigation using MapKit with optimized route algorithms
- Integrated Apple Pay, HyperPay payment systems and push notification infrastructure
- Created seamless handoff experiences between iPhone and Apple Watch for continuous ride tracking
- Built driver rating system and real-time fare calculation engine

## Senior iOS Developer
### HungerStation (DeliveryHero Group)

Sep 2016 - Mar 2018

- Contributed to major food delivery platform (20M+ users)
- Optimized app performance for high-volume transaction processing
- Implemented real-time order tracking and delivery optimization
- Collaborated with backend teams on API design and integration

## iOS Developer
### ALNapedh

May 2016 - Aug 2016

- Developed food ordering applications with Firebase integration and real-time features
- Implemented Spreedly payment solutions and live chat functionality
- Built responsive UI designs with Auto Layout for multiple device sizes

# TECHNICAL LEADERSHIP

## Leadership
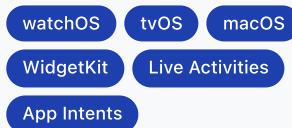
Team Management
Technical Roadmap | Code Review
Mentoring | Agile/Scrum

# CORE TECHNOLOGIES

## iOS (2025)

Swift 6.0 | SwiftUI | UIKit
Combine | async/await | SwiftData
iOS 18+

## Architecture

MVVM | VIPER | Clean Architecture
Coordinator | TDD

## Apple Ecosystem

watchOS | tvOS | macOS
WidgetKit | Live Activities
App Intents

## Modern Features

Core ML | Vision | ARKit
Dynamic Island | App Tracking

## Development Tools

Xcode 15+ | Fastlane | TestFlight
Instruments | Git

## Backend & APIs

REST APIs | GraphQL | Firebase
CloudKit | WebSockets

## AI Assistants

Claude | ChatGPT | Copilot
Gemini | Cursor

### iOS & Apple Watch Developer
**Nile Design Co.**

July 2015 - Sep 2015

- Early adopter of Apple Watch development (watchOS 1-2)
- Developed SwiftUI applications since WWDC 2019
- Built foundation in iOS and watchOS app development

### iOS Developer
**UK Pro. Solutions Ltd.**

May 2014 - May 2015

- Foundation iOS development experience in Objective-C and early Swift
- Developed various applications including social networks and e-commerce platforms
- Learned core iOS development principles and App Store deployment processes

## KEY PROJECTS

### HungerStation Food Delivery

*UIKit, Firebase, Real-time APIs, Performance Optimization*

Major food delivery platform serving 20M+ users across Saudi Arabia and Bahrain. Focused on performance optimization and real-time order tracking capabilities.

⭐ 4.5/5 (+1.9M ratings)

### Ego | The Ride Hailing App

*MapKit, Core Location, Apple Pay, Push Notifications, watchOS*

Complete ride-hailing ecosystem including rider app, driver app, and Apple Watch companion. Features real-time GPS tracking, Apple Pay integration, and seamless cross-device experiences serving 15M+ users with thousands of daily rides.

⭐ 4.7/5 (+211.8k ratings)

### Marn iPad POS System

*SwiftUI, CoreData, CloudKit, Real-time Sync*

Enterprise point-of-sale system serving +20k restaurants/cafes across Saudi Arabia. Features offline-first architecture, complex table management, and real-time order processing with cloud synchronization.

⭐ 4.8/5 (2,437 ratings)

### Punters - Horse Racing & Form

*In-App Purchases, Push Notifications, Real-time Data*

Horse racing tips and form guide app providing punting services. Features real-time race data, expert tips, and comprehensive form analysis for racing enthusiasts.

⭐ 4.7/5 (1,650 ratings)

### Daleelo Muslim Community

*MapKit, Core Location, Social SDKs, Community Features*

Muslim community app serving users across the US with prayer times, mosque finder, and community features. Released version 2.6.3 with enhanced location services and social integration.

⭐ 4.5/5 (1,287 ratings)

## EDUCATION

**Bachelor of Information Systems**

Computer Sciences College

Asyut University, Egypt (2009-2013)

**iOS Semester: Excellent (91.5%)**

## CERTIFICATIONS

**ESTQB Foundation Level**

Egyptian Software Testing Qualification Board

## LANGUAGES

**Arabic:** Native
**English:** Professional

## ACHIEVEMENTS

- Built Food delivery platform serving 20M+ users across Saudi Arabia and Bahrain.
- Built Ride-hailing ecosystem serving 15M+ in Saudi Arabia.
- Led development of POS system serving 20k+ restaurants/cafes.
- 10+ apps published on App Store used by millions of users across the MENA region.
- 30+ iOS Projects Delivered.
- Early Swift adopter (WWDC 2014) and Early SwiftUI adopter (WWDC 2019).

# PROJECT PORTFOLIOS

## 🍽 Food Delivery & Gaming
- HungerStation (AppStore) – Food delivery platform
- Punters Page (AppStore) – Horse racing tips

## 🚗 Transportation
- Ego | The Ride Hailing (AppStore) – Ride hailing for riders
- Ego Driver (AppStore) – Driver companion app
- Ego Watch App (AppStore) – Apple Watch integration

## 🏢 Enterprise Apps
- Marn POS (AppStore) – Restaurant management
- Medical Guide (Portfolio) – Healthcare directory

## 👥 Social & Community
- Daleelo (AppStore) – Muslim community app
- NU-inc (Portfolio) – Football fans network
- VeeU (Portfolio) – Social multimedia platform

## ⌚ watchOS Apps
- Ego Watch App (AppStore) – Ride tracking
- TaQs Weather (Portfolio) – Weather forecast
- TweetMe (Portfolio) – Text to image converter

## 🛍 E-commerce & Services
- iBss (Portfolio) – Spa/salon reservations
- Exclusive Luxe (Portfolio) – Fashion retail
- Scratch (Portfolio) – Beauty services booking

## 🕌 Religious & Educational
- Afasy (Portfolio) – Quran & prayer times
- ArabNileGroup (Portfolio) – Arabic book reader

## 🛠 Utility & Tools
- Unlocking Smart (Portfolio) – Phone unlocking
- Insta (Portfolio) – Social networking features
- iContacts (Portfolio) – Contact management
- 🚀 First iOS App – Built before professional career began

## 🤖 AI & Machine Learning 🎓 Graduation Project
- RecognizeMe (Portfolio) – Facial recognition system
- 🎓 Graduation Project – Data mining & OpenCV implementation

## 🌐 Web Projects
- FaceDemo (Portfolio) – Facebook-like web app
- Web Pages (Portfolio) – HTML/CSS collection

🏆 30+ iOS Projects Delivered   •   📱 11+ Years iOS Development   •   🎯 Expert in SwiftUI & Modern iOS   •   *Last Updated: 2025*