Mohammed Elnaggar

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PROFESSIONAL SUMMARY

Senior iOS Engineer with 8+ years of experience in Swift, SwiftUI and UIKit. Millions of people across MENA and Europe use the apps I built. My work has impact past one squad. At Gathern, I built shared Swift packages and a feature-flag platform for two apps. At Vodafone, I built an analytics data layer for many markets. I start tech-debt and migration work on my own, and I ship complete products from idea to App Store. Co-founder of SwiftCairo, Egypt's largest iOS community (850+ members), recognized by Apple.

WORK EXPERIENCE

Senior iOS Engineer, Gathern Jan 2026 to Present
Riyadh, Saudi Arabia (Remote)
Saudi Arabia's leading short-term rental platform. Professional Host Squad, Host and Guest iOS apps.

- **Architected Common-iOS,** a shared Swift package for the Host and Guest apps. It contains a thread-safe feature-flag layer on GrowthBook and an in-app QA toolkit (analytics inspector, environment switcher, network inspector).
- **Started and led the CocoaPods to SPM migration** of about 60 dependencies in two production apps. The work took six months with no release delays and removed CocoaPods from both projects and CI.
- **Designed the rollout architecture for the Host Streak programme** across two squads: one gate and one resolver that retire the live experiment. Integrated the work of both squads into one release.
- **Delivered host-engagement features:** streaks, chat shortcuts for both apps, scheduled messages, bulk availability and pricing, a performance insights dashboard and the Guest Favorite badge. All features support RTL and send Amplitude events.
- **Led iOS 26 and 27 readiness for both apps.** Adopted the UIScene lifecycle and the native Liquid Glass tab bar with correct RTL order.
- **Adapted the Guest app for iPhone Duo (foldable):** fold-aware safe areas and two-column layouts when the device is open.
- **Led the tech-debt work:** removed about 5,900 lines of dead code, fixed warnings in about 330 files and moved credentials to Keychain. Wrote about 680 unit tests in about 285 merged pull requests.

iOS Chapter Lead (Part-Time), Ameen Jan 2026 to Aug 2026
Remote
Islamic lifestyle app for Quran, prayer times and spiritual tools.

- **Kept crash-free sessions at 99.9% during the Ramadan peak of 2M+ active users.** Fixed 10+ crash and hang issues and added Sentry crash monitoring.
- **Built the chapter's delivery pipeline:** Fastlane, Xcode Cloud, Danger, CodeRabbit, SwiftLint and coverage reports. Teammates' adherence to PR conventions increased from under 5% to over 80% in three months.
- **Became owner of the Player module** when the previous owner left. Shipped the Shorts player, full-screen video, Reciter Profile and Ayah Options.

Senior iOS Engineer, CAFU May 2023 to Dec 2025
Dubai, UAE (Remote)
The Middle East's largest on-demand fuel delivery and vehicle services platform.

- **Led the legacy app modernization** and decreased the app size by 40%. **Built a Fastlane CI/CD pipeline** that decreased release time by 60%.
- **Introduced modular and Clean Architecture standards across the platform,** with a cross-functional team of 15+ people.
- **Led core B2C and B2B modules** (Fuel Delivery, Vehicles, Home Services, Emergency, BOLT) and the Reorder widget. Designed the Payment SDK integration, including Apple Pay.
- **Integrated developer tools and analytics:** XcodeGen, SwiftLint, Arkana, SwiftyMocky, Amplitude, CleverTap, feature flags and Lokalise.

Senior iOS Engineer, _VOIS (Vodafone Intelligent Solutions) Jan 2022 to Jun 2023
Cairo, Egypt

- **Built the data layer architecture for MVA10 components** with Tealium Deployer. It became the analytics standard across Vodafone markets.
- **Managed Tealium IQ, CDP and Remote Commands for all markets.** Made analytics prototypes in the MarTech Lab sandbox app, and all markets adopted them.

iOS Engineer, Very Creatives Jul 2019 to Jan 2022
Budapest, Hungary (Remote)

- **Led the iOS team on Krush Brands.** Built the Bitrise and Fastlane release pipeline and integrated Checkout.com and Apple Pay.

iOS Engineer, Pass App Dec 2018 to Jul 2020
Cairo, Egypt

- **Re-architected legacy Objective-C Bluetooth and NFC code into a standalone Swift SDK.** The SDK let the company move from a consumer app to SDK licensing. Added the SDK to the Today widget and Apple Watch app.

Earlier Experience

- **iOS Engineer, VoucherPay** | Brazil (Remote) | Mar 2019 to Jun 2019: built and shipped a payment app in three months.
- **iOS Engineer, Daleel Store** | Riyadh, Saudi Arabia | Aug 2018 to Apr 2019: e-commerce features and payments (Apple Pay, Payfort, Fawry).

PROJECTS

Founder and Lead Engineer, Libretto: Read and Study 2026 to Present
iOS, iPadOS and backend

- **Architected a Swift 6 SwiftUI reading and study app** with 31 SPM modules, Clean Architecture, actor-based repositories and about 4,000 automated tests. It includes DRM-protected offline books, PDF and EPUB engines and on-device Apple Intelligence study tools.
- **Built the backend proof of concept,** then added a backend engineer to the project to deliver the NestJS, PostgreSQL and Redis platform. Submitted to the App Store.

Creator and Solo Developer, SalahBreak App Store
iOS, iPadOS, watchOS, macOS, tvOS and CarPlay

- **Shipped a SwiftUI prayer app across 6 Apple platforms and 12 targets,** with 38 widgets, Live Activities, App Intents with Siri and Screen Time extensions.
- **Engineered a notification-budget policy within the iOS limit of 64 pending notifications.** Added localization in 7 languages, with Arabic and Urdu RTL, and 552 tests.

Open source: SwiftPermissions and SwiftMoLogger, Swift packages for permissions and logging.

LEADERSHIP AND COMMUNITY

Co-Founder and Community Lead, SwiftCairo 2018 to Present
Cairo, Egypt

- **Grew Egypt's largest iOS developer community to 850+ members** with 50+ meetups and workshops. Recognized by Apple's Developer Community and WWDC teams.
- **Created the SwiftCairo iOS Master Class curriculum.** Started a podcast and newsletter (1,000+ subscribers) and mentored 50+ developers through ADPList.

SKILLS

- **Languages, frameworks and platforms:** Swift 6 (strict concurrency), Objective-C, SwiftUI, UIKit, Swift Concurrency (async/await, actors), Combine, RxSwift, SwiftData, Core Data, WidgetKit, Live Activities, App Intents, StoreKit, Apple Pay, CoreBluetooth (BLE), NFC; iOS, iPadOS, watchOS, macOS, tvOS, CarPlay
- **Architecture:** Clean Architecture, MVVM, modularization with Swift Package Manager (SPM), dependency injection (swift-dependencies), protocol-oriented programming, SOLID, feature flags and A/B testing (GrowthBook)
- **CI/CD and testing:** Fastlane (match), GitHub Actions, Xcode Cloud, Bitrise, Jenkins, Danger, SwiftLint, SwiftFormat, XcodeGen, Git, XCTest, Swift Testing, snapshot and UI testing
- **Analytics and monitoring:** Firebase, Crashlytics, Sentry, Amplitude, CleverTap, Tealium (IQ, CDP), MetricKit; RESTful APIs, WebSockets, localization and RTL

EDUCATION AND LANGUAGES

B.Sc. in Computer and Information Sciences (Computer Science), Mansoura University 2013 to 2017
Arabic (Native) | English (C1, Full Professional Proficiency)