

# Asser Osama

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## Experience

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### iOS Software Engineer

Jan 2025 – Present

*Areeb Technology*

Refactored legacy codebase to 100% SwiftUI and Swift 6.2, replacing completion handlers with Async/Await to accelerate feature delivery by 40%.

Reduced application bundle size by 50% (120MB to 60MB) by architecting a strict cleanup protocol for dead code, unused packages, and redundant assets.

Automated environment configuration using Fastlane scripts, reducing developer onboarding time by 70% and eliminating manual configuration errors.

Engineered a Design System automation pipeline syncing Figma tokens directly to the codebase to ensure 100% design fidelity and eliminate UI inconsistencies.

### iOS Community Leader

Sep 2024 – Present

*SwiftCairo*

**Upskilled 3,000+ developers** by recording and distributing a comprehensive 6-hour video curriculum focused on Swift 6 concurrency and migration strategies.

**Scaled monthly community engagement to 100+ engineers** by organizing recurring technical meetups and hands-on workshops to foster knowledge sharing in the MENA region.

**Delivered 3 technical keynotes** on SwiftUI migration, the Foundation framework, and App Validation, driving the adoption of modern Apple technologies among local teams.

## Projects

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### Cadaa

Developed a CMA-licensed investment platform for the Saudi market which contributed to \$300K in revenue.

### Doboo

Engineered a social riding experience platform featuring role-based logic (Host/Guest).

### Boxooo

Built an app connecting restaurateurs, wellness operators, and guests in a physical hub in Riyadh.

## Skills

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**Languages & Core:** Swift 6, SwiftUI, UIKit, Async/Await, ARC

**Architecture & Patterns:** MVVM, Clean Architecture, SOLID, Design Systems

**Frameworks:** Core Data, URLSession, Foundation Model, AVFoundation

**Tools & DevOps:** Xcode, Git, Fastlane, CI/CD, Xcode Instruments, TestFlight

**Testing & Security:** XCTest, UI Testing, Swift Testing

## Education

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### New Cairo Academy

Graduated Jun 2025

*Bachelor of Computer Science*