

# Asser Osama

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## Experience

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<b>iOS Software Engineer</b> <i>Areeb Technology</i>	Jan 2025 – Present
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.	

<b>iOS Community Leader</b> <i>SwiftCairo</i>	Sep 2024 – Present
<b>Upskilled 3,000+ developers</b> by recording and distributing a comprehensive 6-hour video curriculum focused on Swift 6 concurrency and migration strategies.	
<b>Scaled monthly community engagement to 100+ engineers</b> by organizing recurring technical meetups and hands-on workshops to foster knowledge sharing in the MENA region.	
<b>Delivered 3 technical keynotes</b> on SwiftUI migration, the Foundation framework, and App Validation, driving the adoption of modern Apple technologies among local teams.	

## Projects

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<b>Cadaa</b>
Developed a CMA-licensed investment platform for the Saudi market which contributed to \$300K in revenue.
<b>Doboo</b>
Engineered a social riding experience platform featuring role-based logic (Host/Guest).
<b>Boxooo</b>
Built an app connecting restauranteurs, wellness operators, and guests in a physical hub in Riyadh.

## Skills

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<b>Languages &amp; Core:</b> Swift 6, SwiftUI, UIKit, Async/Await, ARC
<b>Architecture &amp; Patterns:</b> MVVM, Clean Architecture, SOLID, Design Systems
<b>Frameworks:</b> Core Data, URLSession, Foundation Model, AVFoundation
<b>Tools &amp; DevOps:</b> Xcode, Git, Fastlane, CI/CD, Xcode Instruments, TestFlight
<b>Testing &amp; Security:</b> XCTest, UI Testing, Swift Testing

## Education

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<b>New Cairo Academy</b> <i>Bachelor of Computer Science</i>	Graduated Jun 2025
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