

# Omar Alshyokh

Mobile Engineering Lead | Flutter, Android & iOS

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## Summary

Senior Mobile Engineer with 8+ years of experience building scalable, secure, and high-performance mobile applications across Flutter, Android, and iOS platforms. Specialized in Flutter, Kotlin, Java, and Swift, with strong expertise in Clean Architecture, MVVM, mobile security, CI/CD pipelines, and production-scale application development.

Experienced in leading technical implementation, mentoring developers, defining mobile architecture, and delivering enterprise and consumer applications across government, entertainment, and smart technology domains. Proven track record in improving app performance, optimizing development workflows, and delivering reliable cross-platform solutions with a strong focus on scalability, maintainability, accessibility, and user experience.

## Core Competencies

- Mobile Architecture
- Technical Leadership
- Cross-Platform Development
- Enterprise Mobile Security
- CI/CD & Release Management
- SDK Integrations
- Performance Optimization
- Agile Development

## EXPERIENCE

**Sr. Mobile Engineer & Mobile Team Lead**  
Akkodis Middle East, UAE

Oct 2024 - Present

- Leading mobile development for a government digital identity platform across native Android (Kotlin) and iOS (Swift), supporting secure authentication, digital document signing, identity verification, and wallet-based services.
- Designing and maintaining scalable mobile architecture using Clean Architecture, MVVM, modularization, and secure SDK integrations.
- Integrated multiple enterprise-grade SDKs for NFC, biometrics, secure elements, camera-based verification, and digital identity workflows.
- Implemented advanced mobile application protection using DexGuard and iXGuard, including code obfuscation, anti-tampering, root/jailbreak detection, anti-debugging, and runtime protection.
- Developed a dynamic PDF signing solution supporting drawing, scaling, repositioning, and secure embedding of signatures across Android and iOS platforms.
- Diagnosed and resolved complex production issues across different OEM devices, OS versions, permissions, SDK integrations, and hardware-specific edge cases.
- Collaborated closely with backend, QA, security, and product teams to align APIs, release cycles, security standards, and feature delivery.
- Supported CI/CD pipelines, release management, provisioning, signing, and deployment to Google Play and Apple App Store environments.

- Mentored developers through code reviews, technical guidance, debugging support, and architecture discussions.
- Contributed to technical planning, architecture discussions, task estimation, and release coordination across mobile teams.

## **Software Engineer, Mobile Developer**

May 2022 - Oct 2024

Urbanminded, Dubai

- Developed and maintained production-grade Flutter mobile applications ("Catch" and "Catch Admin") with BLE communication, real-time interactions, and scalable architecture.
- Increased code reuse by 50% and reduced development cycles by 25% by architecting and overseeing custom libraries.
- Improved application stability, maintainability, and performance through debugging, optimization, and production issue resolution.
- Key contributor to the successful completion of high-profile projects, enhancing user engagement by 20%.
- Used Firebase Crashlytics and analytics tools to monitor application stability, diagnose production issues, and improve user experience.

## **Mobile Developer**

Dec 2021 - May 2022

Miral Experiences, Abu Dhabi

- Contributed to the development and enhancement of the Yas Island and Yas Marina Circuit mobile applications using Flutter.
- Built responsive and scalable UI components while ensuring consistency across Android and iOS platforms.
- Collaborated with product, backend, QA, and design teams to deliver production-ready mobile features aligned with business requirements.
- Improved application stability, performance, and user experience through bug fixing, optimization, and cross-device testing.
- Participated in feature implementation, API integrations, release preparation, and Agile development workflows.

## **Mobile Developer & Team Leader**

Oct 2020 - Nov 2021

WeStart, San Francisco (Remotely)

- Led a remote team of developers, designers, and AI specialists in delivering an AI-powered networking mobile application focused on scalability, usability, and production quality.
- Directed the end-to-end development process, ensuring on-time project delivery within technical requirements, resulting in a 20% reduction in development time.
- Fostered a collaborative and innovative work environment by providing technical guidance, mentorship, and support, leading to a 15% increase in team productivity.

## **Mobile Developer & Team Leader | Remote / Contract**

Aug 2020 - Oct 2021

BeInWebSite, Kuwait

- Managed multiple mobile application projects as a Full Stack Mobile Developer and Team Leader, focusing on scalable architecture, feature delivery, and application stability.
- Delivered top-tier software solutions through end-to-end development from design to deployment, resulting in a 30% increase in client satisfaction.

- Achieved project requirements and strict deadlines for the timely release of high-quality products through effective team collaboration, improving time-to-market by 15%.
- Oversaw all phases of mobile application development, managing a team of 10 developers, designers, and specialists, ensuring prompt delivery of superior software solutions, and reducing development time by 20%.

### **Mobile Developer**

Aug 2018 - Sep 2020

IT-Land Technologies, Damascus

- Developed and maintained Android applications using Kotlin, Java, and Flutter, resulting in a 20% increase in app performance and user engagement.
- Created efficient and feature-rich applications tailored to specific platform requirements through native Android development tools and languages, leading to a 25% increase in user retention.
- Built cross-platform applications using Flutter, leading to over 10,000 app downloads and maximizing code reusability and development efficiency.
- Increased customer satisfaction by 25% through collaboration with cross-functional teams to gather requirements, define project scope, and deliver solutions.

### **Software Engineer | Freelance, Damascus**

Jan 2016 - Aug 2018

- Delivered custom web and mobile solutions for small businesses and individual clients.
- Managed the full development lifecycle from requirements gathering to deployment and support.
- Built a strong foundation in software engineering, client communication, and production delivery.

## **EDUCATION**

**Bachelor of Science in Information Technology**

**Al-Baath University, Homs - 2021**

## **Technical Skills**

**Mobile:** Flutter, Android, iOS, Kotlin, Java, Swift, Dart

**Architecture:** Clean Architecture, MVVM, MVC, MVP, SOLID, Dependency Injection, Modular Architecture

**State Management:** Bloc/Cubit, Provider, Riverpod

**Backend & Integrations:** REST APIs, Firebase, BLE, NFC, Push Notifications, Secure Storage, Authentication

**Security:** DexGuard, iXGuard, SSL Pinning, RASP, Root/Jailbreak Detection, Obfuscation, Anti-Tampering

**CI/CD & Release:** GitHub Actions, Bitbucket Pipelines, App Store, Google Play, Code Signing, Provisioning, Multi-Flavors

**Testing & Quality:** Unit Testing, Widget Testing, Integration Testing, Debugging, Performance Optimization, Firebase Crashlytics

**Databases:** SQLite, Room, MySQL, Oracle

**Other:** Spring Boot, React Native, React, HTML, CSS

## **LANGUAGES**

English, Arabic

## **Certifications**

- AWS Certified AI Practitioner - 2026
- AWS Certified Cloud Practitioner - 2026
- SwiftUI and SwiftData Masterclass - Udemy, 2025
- Android Jetpack Compose: The Comprehensive Bootcamp - Udemy, 2024
- iOS - Programming in Swift 5 - Coursera, 2022
- Flutter Advanced Course - Udemy, 2020
- Dart Advanced Course - Udemy, 2020