

MOHAMMAD JABER

Senior Android Engineer | Kotlin Multiplatform & Compose Multiplatform

Beirut, Lebanon (remote-ready, EU and Gulf hours) | mhammadjaber00@outlook.com
linkedin.com/in/mj00 | github.com/moyaver | moyaver.github.io | Arabic (native), English (fluent)

Summary

Senior Android Engineer with 5+ years in mobile development, specializing in Kotlin Multiplatform (KMP) and Compose Multiplatform (CMP). Co-leading a production Compose Multiplatform rewrite of a Gulf bank's investment and brokerage app for Android and iOS. Background in fintech and telecom: Compose migrations, mobile security, crash reduction and release ownership.

Experience

Senior Android Engineer, Kotlin Multiplatform Nov 2023 – Present
Neo MENA Technologies (Fintech) Beirut, Lebanon

- Co-lead the architecture and implementation of a Compose Multiplatform rewrite of a Gulf bank's investment app for Android and iOS, covering onboarding, KYC verification, multi-factor authentication (MFA), biometric login, funds and brokerage.
- Reduced the production crash rate of the native Android app by 20% through Sentry/Crashlytics root-cause analysis and targeted refactoring; migrated critical MVP/RxJava2 modules to Jetpack Compose and Kotlin Coroutines/Flow.
- Built the initial CMP prototype, shipped shared Kotlin to iOS through SKIE and KMMBridge, and authored 38 of the project's 64 architecture decision records (ADRs); enforce architecture rules with Konsist tests.
- Implemented device-bound request signing using ECDSA P-256 keys in Android Keystore and iOS Secure Enclave with fail-closed behavior, plus production certificate pinning and freeRASP runtime protection.
- Built Maestro smoke, authentication and regression suites and authored the team's codebase onboarding guide; mentor engineers through code review.

Founder Dec 2025 – Present
Yavero Labs Beirut, Lebanon

- Own mobile development for Yavero Auto, a motorcycle marketplace in beta: one Kotlin Multiplatform codebase supports buyer and dealer apps on Android and iOS, plus a JVM desktop admin app.
- Built a modular Compose Multiplatform architecture using MVI, Navigation 3, Koin and Ktor; enforced feature boundaries with Konsist.
- Added Roborazzi screenshot tests, baseline profiles and macrobenchmarks; configured GitHub Actions and beta distribution through TestFlight and Firebase App Distribution.

Android Engineer Nov 2021 – Oct 2023
Monty Mobile (MontyPay, Monty eSIM) Beirut, Lebanon

- Sole Android lead on the ground-up rewrite of the Monty eSIM app with Jetpack Compose, Clean Architecture and MVI.
- Owned the Android release pipeline (GitLab CI, Google Play Console) with staged rollouts to a global user base.
- Reduced UI jank and screen load times with Compose and StateFlow-based state; set up JUnit/MockK test suites with QA and added SonarQube to the company's Android base templates.

Junior Android Developer Mar 2021 – Oct 2021
Toothpick Beirut, Lebanon

- Shipped 6 major features and resolved 30+ critical bugs in a legacy Java codebase within 6 months.

Projects

- Salzburg, Amazon Nova Hackathon (Agentic AI category), Feb – Mar 2026, solo:** portfolio-risk copilot with KMP shared modules, Android and iOS apps and a Ktor server; Amazon Nova 2 Lite on AWS Bedrock runs evidence-backed investigations while a deterministic rules engine computes risk scores.
- Kothless:** Kotlin Multiplatform passwordless authentication library using public-key cryptography, with keys in Android Keystore and iOS Secure Enclave.

Skills

Mobile: Kotlin, Java, Kotlin Multiplatform (KMP), Compose Multiplatform (CMP), Jetpack Compose, Android SDK, Kotlin Coroutines, Flow, RxJava2, expect/actual, iOS interop (SKIE, KMMBridge)
Architecture: Clean Architecture, MVI, MVVM, modularization, Hilt, Koin, Ktor, Navigation 3, Gradle Kotlin DSL convention plugins
Security: certificate pinning, Android Keystore, iOS Secure Enclave, request signing, biometric authentication, encrypted storage, R8/ProGuard, freeRASP, Play Integrity
Testing and CI/CD: JUnit, MockK, Turbine, Robolectric, Roborazzi, Maestro, Konsist, Detekt, Kover, SonarQube, GitLab CI, GitHub Actions, Firebase, Sentry, Crashlytics, Google Play Console
AI: AWS Bedrock (Amazon Nova), agent tool loops, MCP, Amazon Polly

Education

B.Sc. Computer Science, Lebanese University, 2018 – 2021 | Kotlin Developer Certificate, JetBrains Academy, 2023