

MOHAMMAD IHRAIZ

mohammad.a.ihraiz@gmail.com | +970 569-700-283 | [linkedin.com/in/mihraiz](https://www.linkedin.com/in/mihraiz)

Currently in Ramallah, Palestine | Open to relocation and remote roles internationally

SUMMARY

Android & Mobile Engineer with 3 years of professional experience in Kotlin, Jetpack Compose, and Kotlin Multiplatform (KMP), plus 1 year of backend engineering on event-driven microservices. Currently deputy lead on a 4-engineer mobile team at a startup, architecting a KMP migration and shared infrastructure across multiple products. Open to onsite roles in the EU and Middle East and to remote roles internationally; relocation available within 4–6 weeks.

SKILLS

Mobile: Android, Kotlin, Java, Jetpack Compose, Clean Architecture, MVVM, MVP, Modular Architecture, Coroutines, Flow, StateFlow, SharedFlow, Retrofit, OkHttp, Ktor Client, Hilt, Koin, Dagger 2, Room, DataStore, Jetpack Navigation, Material Design, Offline-First, Compose Multiplatform (CMP), Kotlin Multiplatform (KMP), Coil, Firebase (FCM, Analytics, Crashlytics, Remote Config, App Distribution).

Backend: TypeScript, Node.js, Express.js, Spring Boot, REST APIs, WebSockets, PostgreSQL, MySQL, Event-Driven Architecture, RBAC, AWS (EC2, S3, SQS, SNS, SES)

Tools & DevOps: Git, Docker, Jenkins, Fastlane, CI/CD, GitHub Actions, Linux, Gradle, Jira, Miro, AI-Assisted Development (Claude Code, Codex CLI, Windsurf)

Languages: Arabic (Native), English (C1 Advanced)

WORK EXPERIENCE

Mobile Engineer (Deputy Lead), OGeeks Tech - Ramallah, Palestine (Hybrid) *May 2025 – Present*

- Co-lead a 4-engineer mobile team as deputy to the mobile lead, driving technical strategy and sprint planning within a Scrum cross-functional team.
- Made the technical case for adopting Kotlin Multiplatform and Compose Multiplatform as the company's mobile strategy, proposing it to the mobile lead and then presenting the argument to the CTO and leadership. The proposal leveraged the team's existing Jetpack Compose expertise to minimize transition cost while positioning the codebase for future iOS expansion.
- Built the core technical infrastructure of the team's first Kotlin Multiplatform product (a mailing application): a Ktor Client networking layer, Room and DataStore persistence, and a modular Koin DI setup. Also designed reusable SDK modules covering Firebase services (FCM, Crashlytics, Analytics), SSO authentication, and user profile management, intended for consumption across the company's mobile portfolio.
- Contributed to building a WebView-based Android product (now in closed beta) from initial scaffold, implementing features within a custom MVP architecture designed by the team lead, building the app's Retrofit-based networking layer from scratch, and resolving deep-seated bugs in the WebView ↔ Jetpack Compose ↔ Dagger 2 interop layer as the codebase matured.
- On the mailing product specifically, owned the offline-first data layer and a rich-text editing experience built by integrating a JavaScript editor library in a WebView and bridging it to the KMP layer, while reviewing pull requests from the team across business logic and UI.
- Mentored 2 mid-level engineers ramping up on Android and Kotlin Multiplatform through pair programming, architecture sessions, and code reviews, accelerating their onboarding to a stack new to them.
- Eliminated manual release overhead by building a CI/CD pipeline with Jenkins and Fastlane in a Dockerized build environment, automating deployment to Firebase App Distribution.

Backend Engineer, IzTech Valley - Hebron, Palestine (Onsite)

May 2024 – May 2025

- Designed an event-driven microservices architecture for the Baraka PoS platform using TypeScript, Express.js, PostgreSQL, and AWS SQS/SNS, supporting decoupled, scalable communication between services.
- Built the User and Authentication services with role-based access control (RBAC), and developed core components of the client and shop management services exposing REST APIs consumed by mobile and web clients.
- Acted as Product Owner for an ERP extension workstream over 2–3 months, leading one developer to deliver custom business workflows on top of ERPNext (Frappe), owning requirements, prioritization, and delivery.
- Authored a 60+ page architectural evaluation comparing technology stacks for a Chat-as-a-Service platform (surveying real-time protocols, message queue systems, databases, and backend language and framework tradeoffs) to inform the company's technology selection. The initiative was deprioritized after leadership changes.
- Mentored fresh developers and shaped the startup's engineering processes and project infrastructure, contributing to onboarding documentation and code-review standards.

Android Developer, Harri - Ramallah, Palestine (Remote)

February 2022 – March 2024

- Developed and maintained features in a workforce-management Android application using Kotlin and Java within a Clean MVVM architecture, contributing to a product serving the hospitality industry.
- Implemented multi-tenant support on the schedule screens, enabling the same product to serve clients with isolated data and customized scheduling rules.
- Built the anonymous-user feature on shared schedule screens, hiding identifying information of other employees while preserving operational visibility for managers, addressing a privacy requirement for end users.
- Refactored the legacy XML-based date and time selector and added cross-day shift support, integrated a third-party image-picker SDK, and migrated dependencies to support newer Android SDK versions.
- Investigated and resolved production crashes surfaced through Crashlytics, performed technical analysis on upcoming features, authored UML diagrams in Miro, and maintained team documentation.

EDUCATION

B.Sc. Computer Science, Birzeit University, Palestine

(Graduated August 2022)

REFERENCES

Public LinkedIn recommendation from Rami Hussien (Android Chapter Lead, Harri). Written recommendations from Majd Baniodeh (Team Lead, OGeeks Tech) and Adel R.A. Abusneinah (former CTO, IzTech Valley) available on request.