

# Hassan Raza

Senior Android App Developer

hassanrazacu@gmail.com | +92-316-6609661 | Lahore, Pakistan

---

## PROFESSIONAL SUMMARY

Results-driven Senior Android Developer with 5+ years of experience designing, developing, and deploying high-performance mobile applications across FinTech, IoT, and enterprise domains. Proficient in Kotlin, Java, and Jetpack Compose with strong expertise in MVVM architecture, RESTful API integration, and third-party SDK integration. Experienced in building scalable payment solutions, drone control systems, and ERP applications. Adept at collaborating in Agile environments and delivering production-ready apps with clean, maintainable code.

---

## TECHNICAL SKILLS

<b>Languages:</b>	Kotlin, Java, Dart (Flutter)
<b>UI Frameworks:</b>	Jetpack Compose, XML Layouts, Material Design
<b>Architecture:</b>	MVVM, Clean Architecture, Repository Pattern
<b>SDK &amp; Hardware:</b>	Muira SDK (receipt design & integration), Kozen SDK, Sunmi SDK, Terminal Payment SDK
<b>Networking &amp; APIs:</b>	Retrofit, REST APIs, Socket.io, OkHttp
<b>Database:</b>	Room Database, Firebase Firestore, Firebase Realtime Database
<b>DI &amp; Async:</b>	Dagger-Hilt, Coroutines, LiveData, StateFlow
<b>CI/CD &amp; Tools:</b>	Git, CI/CD Pipelines, Android Studio, Zeplin, Figma
<b>Other:</b>	Google Maps SDK, Glide, Push Notifications, In-App Updates

---

## WORK EXPERIENCE

### Senior Android Developer | Deazitech

Lahore, Pakistan | Jan 2023 – Present

- Collaborated with the team on Android development of the Finimo Payment App, integrating Sunmi, Kozen, and Muira hardware SDKs for secure card, QR code, and mobile wallet transactions.
- Contributed to Muira SDK integration with a focus on receipt design, layout customization, and print flow — working within an already-established payment processing pipeline.
- Architected the Finimo Launcher and AppStore module enabling dynamic app updates, versioning, and silent OTA deployment to 10,000+ POS devices in the field.
- Implemented MVVM architecture with Dagger-Hilt dependency injection, reducing codebase complexity by 30% and improving unit test coverage.
- Collaborated with cross-functional teams (backend, QA, UI/UX) using Agile/Scrum methodology to deliver bi-weekly sprint releases.
- Integrated CI/CD pipelines to automate build, test, and deployment workflows, reducing release cycle time by 40%.

### Android Developer | Epazz Inc.

Lahore, Pakistan | Jan 2022 – Jan 2023

- Developed the Zena Drone Android application enabling multi-industry drone flight control, path scheduling via Google Maps, and real-time flight analytics.
- Built the Flex Fridge IoT app allowing remote management and live monitoring of multiple smart refrigerators via Android.
- Utilized Retrofit and Socket.io for real-time data communication and live telemetry streaming from drone hardware.

- Implemented clean UI components using Jetpack Compose, improving code reusability and UI rendering performance.

**Junior Android Developer | Aqsa Technologies** *Lahore, Pakistan | Jan 2021 – Jan 2022*

- Contributed to EZCorporate, an Android and web-based ERP platform for SMEs, supporting multi-location inventory management and role-based user access.
- Developed the Virtual Call Assistant module to identify and log caller details including Caller ID, name, call type, and duration.
- Built the Digital Queue Management System to digitize customer queuing, reducing average wait time and improving customer experience.
- Followed SDLC best practices including code reviews, unit testing, and bug triage using version control (Git).

---

## KEY PROJECTS

**Finimo Payment App** *Jan 2023 – Present*

- Developed a full-featured FinTech payment application for Android POS devices supporting card payments, QR codes, and mobile wallets.
- Worked on Muira SDK integration specifically for receipt design — including layout, formatting, and print triggers — within an existing EMV and encryption pipeline.
- Ensured robust error recovery flows for offline/online transaction scenarios and maintained PCI-DSS compliant data handling practices.

**Finimo Launcher & AppStore** *Nov 2023 – Oct 2024*

- Built a custom Android Launcher as the primary entry point for POS terminals, replacing the default Android launcher with a branded kiosk experience.
- Developed the AppStore module for OTA update management, including version checking, background downloading, and silent app installation.

**Zenadrone – Drone Control App** *Jan 2022 – Jan 2023*

- Built a real-time drone control Android app supporting multi-industry inspection use cases (utilities, agriculture, infrastructure).
- Integrated Google Maps for interactive flight path drawing, waypoint scheduling, and post-flight route analysis and reporting.

**Flex Fridge – Smart Fridge Management** *Nov 2022 – Jan 2023*

- Developed an IoT Android app for remote monitoring and control of smart refrigerators, providing live camera views and temperature management.

**EZCorporate – ERP Solution** *Jan 2021 – Jan 2022*

- Built Android modules for a multi-location ERP system including inventory, HR, and call management features for SME clients.
- Designed and implemented a Digital Queue Management System to streamline customer flow at service centers.

---

## EDUCATION

**Bachelor of Science in Software Engineering** *2015 – 2019*  
COMSATS University Islamabad

---

## LANGUAGES

English: Professional Working Proficiency | Urdu: Full Professional Proficiency