

# ZULFIKAR ANSARI

Android Developer | Kotlin, Jetpack Compose, MVVM & Clean Architecture

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## PROFESSIONAL SUMMARY

Android Developer with 4+ years of experience architecting offline-first, MVVM-based applications in Kotlin and Jetpack Compose for enterprise retail (POS) systems, delivering secure payment integrations, sub-2% defect rates, and measurable efficiency gains for 50+ enterprise clients.

## CORE TECHNICAL SKILLS

**Languages:** Kotlin, Java, Python, SQL  
**Architecture & Design:** MVVM, Clean Architecture, SOLID Principles, Repository Pattern  
**UI Development:** Jetpack Compose, Material Design, Custom Views, Animations, Adaptive Layouts, XML Layouts  
**Asynchronous Programming:** Kotlin Coroutines, Flow, LiveData, WorkManager, Services  
**Networking & APIs:** REST APIs, Retrofit, Volley, Google APIs (Maps, FCM, Location, ML Kit, QR Scanning)  
**Dependency Injection:** Dagger-Hilt, Koin  
**Data Persistence:** Room, SQLite, LiveData, Offline Caching  
**Security:** JWT Authentication, SSL Pinning, Encrypted Storage, ProGuard/R8  
**Payment Gateway Integration:** Razorpay, PayPal, Paytm, Mswipe, PineLabs  
**Hardware & Device APIs:** Camera, GPS, Bluetooth, NFC, Gyroscope, Accelerometer  
**Tools & Version Control:** Android Studio, Git, GitHub, Firebase (Analytics, Crashlytics), Gradle, VS Code  
**Emerging Technologies:** TensorFlow Lite, ARCore, AR/VR, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn  
**Methodologies:** Agile, Scrum, Sprint Planning, Cross-Functional Collaboration  
**Operating Systems:** Windows 10/11, macOS, Ubuntu

## WORK EXPERIENCE

**Android Developer — Ginni Systems Limited, Gurgaon, Haryana, India** 2023 – Present

- Own end-to-end architecture for Android POS, inventory, and order management apps used by 50+ enterprise retail clients, improving operational efficiency by 30%.
- Engineer an offline-first Room-based sync architecture, cutting downtime incidents by 40% in low-connectivity retail environments.
- Integrate secure payment gateways (Mswipe, PineLabs, Razorpay) using JWT authentication and SSL pinning, achieving 100% secure transaction processing.
- Diagnose and resolve production issues across live deployments, partnering with backend, QA, and product teams in Agile/Scrum sprints to sustain a defect rate below 2%.
- Monitor app stability and crash trends with Firebase Crashlytics and Analytics to guide performance improvements.

**Android Developer — Eminence Innovation, Rohini, Delhi, India** 2022 – 2023

- Built 4+ Android applications (eCommerce, multivendor marketplace, tourism, taxation) using Clean Architecture and MVVM, reducing codebase complexity by 35%.
- Designed responsive UIs with Material Design, Custom Views, and Adaptive Layouts, contributing to a 4.2+ average rating across published Play Store apps.
- Sustained a 95%+ sprint delivery rate with minimal defects across Agile development cycles.

**Android Developer Intern — TradeKey India, Uttam Nagar, Delhi, India** 2020 – 2021

- Designed a B2B mobile platform connecting global buyers and sellers, streamlining product listing and search navigation.
- Optimized onboarding UI flows, reducing average user drop-off during registration by 20%.

## KEY PROJECT

**Enterprise Retail POS & Inventory Platform — Ginni Systems Limited**

- Architected a Kotlin/Jetpack Compose POS and inventory platform on MVVM and Clean Architecture, serving 50+ enterprise retail clients.
- Designed an offline-first Room persistence layer with real-time sync and multi-gateway payment integration (JWT, SSL pinning), reducing downtime by 40% and sustaining 100% secure transactions.

## EDUCATION

Bachelor of Computer Applications (BCA) — Indira Gandhi National Open University (IGNOU) 2023  
*Study Center: Mahan Institute of Technology, Delhi, India*  
Senior Secondary (12th Grade), CBSE — Govt. Boys Sr. Sec. School, Delhi, India 2018

## STRENGTHS & INTERESTS

Detail-oriented developer with strong command of Clean Architecture, MVVM, and modern Android best practices. Passionate about Machine Learning, AR/VR, and building scalable, production-grade mobile applications. Enjoys strategic problem-solving (chess) and competitive coding challenges.