GOURAV HANUMANTE

Android Developer | Kotlin Multiplatform Engineer

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SUMMARY

Android Developer with **2.7+ years** of experience building high-performance mobile applications serving **3M+ users** across **7 international markets**. Expert in **Kotlin**, **Jetpack Compose**, **Kotlin Multiplatform (KMP)**, and **MVVM architecture**. Achieved **99% crash-free sessions**, reduced feature delivery time by **60%**, and increased user engagement by **15%**. Currently exploring **AI/ML integration** in mobile applications, including building an AI-powered Slack Bot (Capillary AI Challenge Winner 2025).

WORK EXPERIENCE

Software Development Engineer I - Android & Kotlin Multiplatform

Capillary Technologies | Bengaluru, India | July 2023 - Present

Shell Asia App - Kotlin Multiplatform Migration

- Spearheaded migration of **500,000+ lines of code** from legacy Android to Kotlin Multiplatform, achieving **80% code reusability** across Android and iOS platforms
- Architected **6 cross-platform KMP modules** (Authentication, Profile, Dashboard, Loyalty, Payments, OTP) reducing feature delivery time by **60%**
- Engineered **14+ Server-Driven UI components** enabling real-time UI updates without app releases, cutting deployment effort by **70%**
- Optimized API performance through **Backend-for-Frontend (BFF)** architecture, reducing network calls by **70%** and achieving **sub-500ms** response times
- Established **90% test coverage** using interface-driven design and structured error handling with Kermit logging
- Implemented platform-specific features using **expect/actual patterns** with Koin dependency injection for biometrics, secure storage, and real-time messaging

Shell Asia App - Android Development

- Developed and maintained multi-region loyalty app using **Kotlin, Jetpack Compose, and MVVM**, achieving **99% crash-free rate** across **6+ markets**
- Transformed XML-based screens to **Jetpack Compose**, accelerating UI development speed by **35%** and eliminating legacy UI defects
- Built B2C and B2B payment flows processing **50,000+ monthly transactions** with biometric authentication and AES-256 encrypted storage
- Integrated **Firebase Analytics, Crashlytics, and Performance Monitoring**, driving **15% increase** in user engagement and **50% faster** issue resolution

- Designed centralized error handling engine and deep linking system, reducing debugging time by **30%**
- Implemented **Hilt** dependency injection and **Room** database for offline-first architecture, improving reliability by **40%** in low-connectivity regions

TECHNICAL SKILLS

Languages: Kotlin, Java, Swift, SQL

Android Development: Jetpack Compose, XML, MVVM, Room, Retrofit, WorkManager, Coroutines, Hilt, Dagger, LiveData, ViewModel

Cross-Platform: Kotlin Multiplatform (KMP), Ktor, SwiftUI, Combine, KMP-NativeCoroutines

Architecture & Patterns: Clean Architecture, SOLID Principles, Modularization, Server-Driven UI (SDUI), Backend-for-Frontend (BFF), Dependency Injection, Repository Pattern

Tools & Platforms: Android Studio, Xcode, Git, GitLab CI/CD, Firebase (Analytics, Crashlytics, Cloud Messaging, Performance Monitoring), Gradle

Testing: JUnit, Espresso, MockK, Turbine, Kotest

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science | 2019 - 2023

CERTIFICATIONS & ACHIEVEMENTS

- **Capillary AI Challenge Winner** - Developed AI-powered Slack Bot (2025)
- **Persistent Martian Internship Program** - Certified (2023)
- Solved **300+ algorithmic problems** on LeetCode, GeeksForGeeks, and CodeChef