SUMANT MOURYA

Android Developer | Kotlin & Jetpack Compose | Automation Engineer
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PROFESSIONAL SUMMARY

Android developer and automation engineer with 3+ years of professional experience building native Android apps in Kotlin and Jetpack Compose, alongside Python automation and web-based internal tools. Independently shipped one app live on Google Play (about 9,000 downloads), with three more in active development, each offline-first and privacy-first. Comfortable across the full release cycle: architecture, Room and SQLCipher persistence, Firebase, CameraX + ML Kit, foreground services, AdMob monetisation and Play Console policy compliance.

PROFESSIONAL EXPERIENCE

Android Developer & Automation Engineer | Farida Gupta Retail Pvt. Ltd. **May 2025 – Present**

- Build native Android applications in Kotlin and Jetpack Compose, owning architecture, UI, persistence, API integration and release builds end to end.
- Develop scheduled Python automation that takes repetitive order, inventory, catalogue and reporting work off the retail operations team.
- Build web-based internal tools that let non-technical teams trigger automations, look up data and generate documents from a browser instead of working through spreadsheets by hand.
- Work with operations and business teams to find manual bottlenecks and ship the right fix: an Android app, Python bot or web tool.

Automation Engineer | 55 Carat **Jul 2023 – Apr 2025**

- **Order automation:** Built an Amazon order management bot (Python, Selenium, pandas) that pulled new orders, reconciled them against stock and prepared dispatch data, replacing a daily manual copy-paste routine.
- **Documents & tracking:** Created bulk invoice, shipping-label and certificate generators (Python, openpyxl) and a multi-carrier delivery status checker that consolidated every open shipment into one sheet.
- **Lead response:** Automated IndiaMART enquiry replies with parsed quotations, cutting response time from hours to minutes.
- **Internal tools:** Delivered browser-based tools (Google Apps Script, AppSheet, HTML/CSS/JS) and a desktop Activity Tracker that logs focused-window time, separates working from idle time and blocks distracting apps on a schedule.
- **AI & creative pipelines:** Integrated the Gemini API for batch product-image generation, deployed open-source image models on RunPod GPU endpoints, and scripted an ad-video pipeline (Python, FFmpeg) that assembles ready-to-post videos from a data sheet.

ANDROID APPLICATIONS

Recline – Phone Dialer & Call Manager | Kotlin, Jetpack Compose, Room **Live on Google Play**

- Shipped a full default-dialer replacement on InCallService, now at about 9,000 Play Store downloads: T9 dialpad with live contact matching, dual-SIM routing, grouped call logs, three in-call layouts, custom call backgrounds and E.164 normalisation.
- Solved Android's call-recording restriction with a two-app architecture: a companion app (Recline Helper, 1,500+ downloads) holds elevated access via Shizuku, ADB or root and streams audio over a mutually verified IPC link, so the dialer ships with no RECORD_AUDIO permission or accessibility service yet records genuine two-way audio.
- Built the app's own voicemail implementation, plus call blocking with configurable reject rules, allow-only mode, auto-reply SMS, incognito calling and Sleep Control schedules; own the full Play Console lifecycle, policy declarations and AdMob monetisation.

GymDesk – Offline-First Gym Management | Kotlin, Jetpack Compose, SQLCipher, CameraX **In development**

- Architected the app offline-first: members, payments, check-in, plans and leads all run in airplane mode, with the device as source of truth and an encrypted SQLCipher database that survives uninstall.
- Built a CameraX + ML Kit scanner (QR, Code 128, EAN, UPC, Data Matrix), sequential invoicing, UPI QR collection, membership freeze with an immutable audit trail, and a KPI dashboard with week-over-week deltas.

MapSync – Group Ride Navigation & Live Location | Kotlin, Jetpack Compose, Firebase **In development**

- Built a real-time multi-user map on group-scoped Firebase location streams with locally cached last-known positions, Firebase Authentication (email, Google Sign-In), per-account device tracking and FCM for ride-critical events.

DealNest – Hyperlocal Marketplace | Kotlin, Material 3, Maps, OTP Auth **In development**

- Designed a Material 3 design system and shipped the core buyer flow: proximity-ranked deal feed, live map storefront discovery, verified seller profiles, phone-OTP sign-in and revocable per-session location sharing.

TECHNICAL SKILLS

Android: Kotlin, Jetpack Compose, Material 3, Coroutines & Flow, ViewModel, Navigation Compose, WorkManager, Foreground Services, MVVM, Clean Architecture, multi-module apps, Hilt, KSP, R8 / ProGuard

Data & Platform: Room, SQLCipher, DataStore, OkHttp, REST APIs, CameraX, ML Kit, Google Maps Compose, MapLibre, Media3, InCallService / Telecom, NDK / JNI, AIDL, Shizuku

Firebase & Play: Authentication, Firestore & Security Rules, Cloud Functions, FCM, Crashlytics, Play Console, Play Billing, AdMob mediation, Play Integrity API

Automation & Data: Python (pandas, openpyxl, Selenium, OpenCV), FFmpeg, Google Apps Script, AppSheet, Power Automate, Excel VBA, Power BI (DAX, Power Query), SQL

Languages & Web: Kotlin, Python, JavaScript / TypeScript, SQL, C, C++; Node.js, Cloudflare Workers, React, Tailwind CSS, HTML, CSS, .NET

Testing & Tools: JUnit, Compose UI tests, Espresso, Firebase Emulator; Android Studio, Git & GitHub, Gradle

EDUCATION

Bachelor of Computer Applications (BCA) | HEC Group of Institutions, Sri Dev Suman Uttarakhand University **2025**

Senior Secondary (12th) | Dhoom Singh Memorial Public School, Haridwar **2022**

Languages: English, Hindi