

SNEHIL

Android Developer

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Technical Skills

Languages: Kotlin, Java

Android: Jetpack Compose, Material Design 3, MVVM / MVI, Clean Architecture, Dagger Hilt, Navigation Compose, Coroutines & Flow, Room, Android SDK

Mobile Libraries & APIs: Retrofit / OkHttp, Firebase (Auth, Firestore, FCM), Google Maps SDK, ML Kit (OCR / Face), Coil, Lottie, Biometric Auth, SSE

Backend: Spring Boot, Spring Security, Spring AI, REST APIs, JWT / OAuth2, PostgreSQL, Redis, Hibernate/JPA, Microservices

Testing & Tools: JUnit, Unit Testing, Android Studio, Google Play Console, Gradle, Git, CI/CD (GitHub Actions), Postman, AWS, Docker

Professional Experience

Freelance — Minori

Jun 2026

Android Developer (Freelance)

- Built Minori, a native Android e-commerce marketplace app in Kotlin and Jetpack Compose connecting buyers with independent artisan studios across ceramics, textiles, and fine art categories.
- Architected Clean Architecture with MVVM/MVI and Dagger Hilt, using Hilt-injected singleton StateFlow managers to keep cart, wishlist, and checkout state reactive across every screen.
- Delivered a complete commerce flow — multi-step checkout, GST billing, and four payment methods (Card, UPI, COD, NetBanking) — secured through JWT-authenticated calls to a Spring Boot backend.

Invyu Solution Technology (Remote)

Sep 2025 – Feb 2026

Android Developer

- Shipped TRide, a Kotlin + Jetpack Compose (Material 3) cab-booking Android app, to the Google Play Store — with real-time driver tracking on Google Maps and role-based User/Driver/Admin flows serving 50+ users.
- Built InWork, an HRMS Android app (live on Play Store) featuring ML Kit face-recognition attendance, Google Maps geofencing, and leave workflows — saving staff ~2 hrs/day.
- Structured both apps on MVVM + Dagger Hilt with Retrofit and Firebase (Auth, Firestore, FCM), enforcing 3-role access control via JWT and RBAC.
- Automated releases through CI/CD pipelines, taking both apps from build to Play Store within 5 months.

Chamberly AB (Remote, Sweden)

Jun 2025 – Sep 2025

Android Developer

- Integrated Firebase Realtime Database and a Retrofit API layer into the Android app with zero data inconsistency across concurrent live sessions.
- Built and optimized REST API integrations and query performance for an international mobile user base.
- Delivered features on schedule via GitHub Actions CI/CD, collaborating with a remote team in Sweden.

Projects

CVOptima — AI Resume Builder

Jul 2026

- Built CVOptima, a native Android resume optimizer in Kotlin and Jetpack Compose (Material 3) with Dagger Hilt DI and an offline-first Room cache, backed by a Spring AI (Gemini) service and published to the Google Play Store.
- Streamed AI-optimized resume bullets into the app in real time over Server-Sent Events, powered by Java 21 Virtual Threads on the backend.
- Added an in-app ATS Compatibility Analyzer scoring resumes 0–100 against a target job description — with Layout, Keyword, Metric, and Action-Verb suggestions and an ML Kit OCR fallback for scanned PDFs.

[Github](#) | [Tech: Kotlin, Jetpack Compose, Dagger Hilt, Room, Retrofit, Spring AI, SSE]

Lovable Clone Project

Apr 2026

- Architected a fault-tolerant, horizontally scalable microservices platform automating full-stack web application generation via LLMs, replicating capabilities of industry leaders like Lovable and v0.
- Built a custom reverse proxy in Node.js with Redis-backed dynamic wildcard routing (*.app.domain.com), supporting 10,000+ ephemeral subdomain-to-cluster-IP mappings at <10 ms lookup latency.
- Exposed a secured REST + Server-Sent Events (SSE) API with JWT / OAuth2, structured for native Android (Retrofit / OkHttp) and web clients so generated apps stream to any front end.
- Optimized LLM context efficiency via tool calling, cutting input-token usage by 50% and end-to-end streaming latency by 50% — keeping mobile and web clients responsive.

[Github](#) | [Spring Boot, Spring AI, Open Router, Redis, NodeJs, Kubernetes, REST, SSE, JWT]

Moonlight Stays (Airbnb-style Hotel Booking Platform)

Jan 2026

- Built a full-stack Airbnb-style hotel booking product — a Kotlin (Jetpack Compose) Android app plus a Spring Boot 3.5 backend deployed on AWS (Amplify, Elastic Beanstalk, RDS).
- Implemented a dynamic pricing engine using the Strategy Design Pattern — surge, holiday, and occupancy-based pricing as swappable strategies without modifying core booking logic.
- Integrated Stripe Checkout with server-side webhook verification so payment confirmation is never trusted from the client side, preventing fraudulent booking attacks.
- Secured the API with Spring Security + JWT refresh-token rotation and role-based access control, enforcing strict Guest vs. Hotel Manager separation.

[Github](#) | [Tech: Kotlin, Jetpack Compose, Spring Boot, AWS, Stripe, JWT]

Education

Bharati Vidyapeeth College Of Engineering

Jun 2019 – May 2023

Bachelor of Technology (B.Tech) in Civil Engineering

Pune