

# SNEHIL

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📁 Portfolio

## Education

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### Bharati Vidyapeeth College Of Engineering

Bachelor of Technology (B.Tech) in Civil Engineering (CGPA: 7.54)

Jun 2019 – May 2023

Pune

## Technical Skills

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**Languages:** Java, Kotlin

**Frameworks:** Spring Boot, Spring Security, Hibernate/JPA, JUnit

**Platforms:** Supabase, Supabase Auth, Supabase Postgres, Firebase, Firebase Auth, AWS

**Tools:** GitHub, Postman, IntelliJ IDEA, VS Code, Android Studio, GitHub Actions, Maven, Docker, AWS (Elastic Beanstalk, RDS)

**Backend & DB:** MySQL, Redis, RESTful API Design, Spring Data JPA, PostgreSQL

**Architecture:** Microservices, MVVM, Dependency Injection (Hilt/Koin)

## Professional Experience

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### Invyu Solution Technology (Remote)

Sep 2025 – Feb 2026

Software Developer

- Developed TRide (cab booking platform) with real-time location tracking and ride routing using Google Maps SDK and Directions API, plus secure backend communication via Retrofit and Moshi.
- Built InWork (HRMS) with attendance tracking, leave management, geolocation tagging, and Biometric Authentication (Fingerprint/Face Unlock) for secure access.
- Managed complex state and navigation flows using Navigation Compose and standard Android lifecycle components across user, driver, and admin modules.
- Deployed both apps to production on Google Play Store with distinct modules for users, drivers, and admins.

### Chamberly AB (Remote, Sweden)

Jun 2025 – Sep 2025

Software Developer

- Developed responsive UIs using Jetpack Compose and translated design concepts into functional screens.
- Maintained Android apps in Kotlin with clean, scalable architecture and clear separation of concerns.
- Integrated Firebase for real-time data sync and Retrofit for API calls and data fetching.

## Projects

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### Moonlight Stays (Airbnb-style Hotel Booking Platform)

Mar 2026

- Built full-stack booking app with Spring Boot 3.5 and Next.js 14, including dark-mode glassmorphism UI with Tailwind CSS and Framer Motion.
- Implemented Strategy Design Pattern for dynamic pricing (surge, holiday, occupancy-based) and integrated Stripe Checkout with server-side webhook verification.
- Designed security layer with Spring Security, JWT, refresh token rotation, and role-based access control (Guest/Hotel Manager).
- Designed relational schema in PostgreSQL (hotels, rooms, bookings, reviews, promo codes) and deployed on AWS (Amplify, Elastic Beanstalk, RDS).

[Link](#)

### SwipeRightly - Android Dating App

Mar 2025

- Built real-time dating app with swipe-based matching and instant chat using Jetpack Compose and MVVM.
- Integrated Firebase Auth and Cloud Firestore for profiles and matchmaking logic.
- Implemented custom swipeable card UI that detects reciprocal right swipes to trigger chats.

[Link](#)

### QuickBuy – Android Shopping App

Apr 2025

- Built e-commerce app with product browsing, search, cart, order history, and profile management using MVVM and Jetpack Compose.
- Integrated Firestore for products and orders and Firebase Storage for product images.
- Achieved reactive UI updates and real-time sync with modular MVVM separation.

[Link](#)