

AARAV HALVADIYA

Ahmedabad, Gujarat

Email: aaravhalvadiya@gmail.com | Contact: +91 95580 30582

LinkedIn: <https://www.linkedin.com/in/aaravhalvadiya> | GitHub: <https://github.com/Aarav3325>

SUMMARY

Android Developer with experience in building and deploying production-ready mobile applications using Kotlin, Java and Jetpack Compose. Skilled in MVVM, Clean Architecture and backend integration using Firebase, REST APIs and Spring Boot. Experienced in automating build and release pipelines using GitHub Actions and Fastlane for Play Store deployments. Strong interest in system design, scalability and building reliable, production-grade applications.

EDUCATION

Bachelor of Engineering in Computer Science & Engineering

NEW L.J. Institute of Engineering & Technology, Ahmedabad

November 2022 - June 2026

CGPA: 9.70/10

SKILLS

- **Languages:** Java, Kotlin, JavaScript
- **Android:** Jetpack Compose, XML, Material 3, ViewModel, Navigation, WorkManager, StateFlow/LiveData
- **Architecture:** MVVM, Clean Architecture
- **Backend:** REST APIs, Spring Boot, JPA/Hibernate
- **Backend Services:** Firebase (Authentication, Realtime Database, Storage)
- **Databases:** MySQL, Room Database, PostgreSQL
- **Concurrency:** Coroutines, Flow
- **Networking:** Retrofit
- **Dependency Injection:** Dagger-Hilt
- **Maps & Location:** Google Maps SDK, Fused Location Provider, Geofencing, Geocoding
- **CI/CD & Deployment:** GitHub Actions, Fastlane, Play Store Release Pipeline, Firebase Crashlytics
- **Concepts:** System Design Basics, API Design, Caching Strategies, Background Processing
- **Tools:** Android Studio, IntelliJ, VS Code, Git, GitHub
- **Monetization:** RevenueCat, Google Play Billing

ACHIEVEMENTS

- Content Writing Team Head – Led the content creation for the 1st edition of the college magazine, overseeing selection, editing and finalization to ensure quality and engagement.
- Led non-tech events at college, including an Awareness Act on health, hygiene and environment.

CERTIFICATIONS

- **Java Programming** - Great Learning
- **The Complete Android 15 Course Java & Kotlin** - Udemy
- **The Complete Android 15 Course Jetpack Compose** - Udemy

PROJECTS

GeoWav | Kotlin, MVVM, Google Places API, WhatsApp Cloud API | Oct 2025 – Mar 2026

(<https://github.com/Aarav3325/GeoWav>)

(<https://play.google.com/store/apps/details?id=com.aarav.geowav>)

- Developed GeoWav, a location-based Android application that detects user entry and exit from selected places using reliable foreground and background tracking, integrating Google Places API and Fused Location Provider for accurate real-time updates and Snap-to-Road path rendering on maps.
- Implemented real-time live location sharing and emergency mode using Firebase Realtime Database for secure multi-user synchronization, and built a timeline/session history feature to securely record trips, stay points, and location events with timestamps.
- Integrated RevenueCat SDK for subscription management and entitlement syncing, replacing legacy Play Billing architecture with centralized purchase handling, real-time subscription state synchronization and Firebase-based tester access overrides.
- Designed and implemented a complete CI/CD pipeline using GitHub Actions and Fastlane to automate build, signing and deployment to Google Play Store tracks
- Automated versioning, AAB generation, GitHub Releases and staged rollout deployments using branch-based track strategy

Real-Time Chat & Group Calling App | Firebase, WebRTC | Mar 2026 – Apr 2026

(<https://github.com/Aarav3325/chat-application>)

- Built a scalable real-time chat system supporting 1-1 and group messaging with Firebase Realtime Database
- Implemented peer-to-peer audio/video calling using WebRTC with dynamic participant join/leave support
- Designed group calling architecture with per-peer connection handling and real-time state synchronization
- Developed call history system with status tracking (missed, rejected, completed) and duration analytics
- Implemented group management features including add/remove participants, rename and role-safe updates
- Built responsive UI with Jetpack Compose including dynamic video grid, media state indicators and smooth transitions
- Handled signaling and connection lifecycle for multi-peer WebRTC calls

F1 Racing App | Java, Retrofit, Firebase | Dec 2024 – Jan 2025

(<https://github.com/Aarav3325/f1-clone>)

- Built a dynamic Android application that displays F1 race schedules, driver standings and live news by integrating a public REST API using Retrofit.
- Designed a hybrid UI approach where core app logic is written in Java while selected screens use Jetpack Compose for smoother animations and modern UI interactions.
- Implemented with ViewModel, LiveData and Repository pattern to ensure clean separation of concerns.
- Integrated Firebase Realtime Database to store and retrieve race-related data, enabling faster data access and reduced API dependency.

LANGUAGES

- English
- Hindi
- Gujarati