Ramakrushna Sahoo

Software Engineer | Mobile App Developer

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SUMMARY

Results-driven Android Developer with **2.5 years** of experience in designing, developing, and optimizing user-centric mobile applications. Strong expertise in **Java**, **Kotlin**, **MVVM**, **Jetpack Compose**, **XML** and **API integrations**. Passionate about solving complex problems and building scalable applications. Seeking an opportunity to contribute technical skills and innovative solutions in a fast-paced development environment.

WORK EXPERIENCE

Android developer

Wooble software pvt.Ltd, Bhubaneswar, Odisha, India   **Jan 2024 - Aug 2025**

- Built and maintained production Android apps using **Kotlin, Jetpack Compose & MVVM**, improving UI performance by **30%.**
- Developed **real-time chat** using **WebSockets**, ensuring reliable delivery and offline fallback.
- Implemented **ExoPlayer** for video playback with caching, reducing buffering by **40%**.
- Integrated **Agora** for live streaming & video calls, supporting 5K+ users monthly.
- Integrated **FCM notifications**, improving user retention by **25%**.
- Integrated **OpenAI GPT AI assistant**, increasing user engagement by **40%**.
- Reduced app crashes by **50%** using **Crashlytics & lifecycle-aware components**.
- Improved build time by **25%** via modularization and Gradle optimization.
- Implemented **CI/CD (GitHub Actions)** for automated builds & releases.
- Followed **Clean Architecture**, **Hilt DI**, and **SOLID principles** for scalable code.

Android Developer

GVIT, Bhubaneswar, Odisha, India   **Jul 2023 - Dec 2023**

- Built apps using **Kotlin, Firebase, MVVM, Room, WorkManager**.
- Developed **face-recognition attendance** using ML Kit with **35% accuracy improvement**.
- Implemented **Google Maps API, geolocation & geofencing** for field tracking.
- Improved API performance by **25%** using caching & optimized queries.
- Reduced crashes using improved exception handling and lifecycle management.
- Worked across complete SDLC: UI → API integration → testing → deployment.

SKILLS

- **Languages:** Kotlin, Dart, Java, XML, Swift, C++
- **Frameworks & SDKs:** Android SDK, Android Jetpack (Room, WorkManager, LiveData, ViewModel), Kotlin Coroutines, Jetpack Compose, KMP, Flutter
- **Databases:** SQLite, Hive, SharedPreferences, Firebase Realtime Database, MySQL, MongoDB
- **Tools & Platforms**: Git, GitHub, Postman, Firebase Console, Android Studio, VS Code, Jenkins, AWS, JIRA, N8N
- **Testing**: Junit, Crashlytics
- **API & Networking**: REST APIs, JSON, Retrofit, Volley, WebSocket, OpenAI,Glide
- **Analytics & Monitoring**: Firebase Analytics, Crashlytics, BigQuery
- **Architecture & Patterns**: MVVM, MVC, Clean Architecture, Modularization, Dependency Injection (Hilt/Dagger)
- **Others**: Google Maps SDK, Background Services, Foreground Services, Gen AI, Push Notifications, Android Automotive OS (AAOS), VHAL, EVS (Enhanced Visibility System), Google Ml kit, Agile Development, CI/CD, DSA

PROJECTS

Wooble — Social + Professional Platform

Tech Stack: Kotlin, Jetpack Compose, Retrofit, WebSocket, Room, FCM, Agora, ExoPlayer

- Built profile, chat, media upload, and portfolio modules.
- Implemented real-time messaging with WebSockets.
- Integrated ExoPlayer for optimized video streaming.
- Added live streaming/video calls using Agora.
- Developed offline caching using Room + WorkManager.
- Reduced app crash rate by **50%** using Crashlytics monitoring.

e-Smart Attendance

Technology: Kotlin, Jetpack Compose, Firebase, Google Maps, Geolocation, Geofencing, Face Recognition

- Implemented ML Kit-based face recognition with **~90%** accuracy.
- Added geolocation + geofencing to prevent proxy attendance.
- Built offline-first mode with background sync.
- Created admin panel with real-time Firebase updates.

EDUCATION

MCA(Computer Science)   **August 2021 – June 2023**

College Of IT and Management Education, Bhubaneswar

CGPA: 8.18

Bachelor Degree (Mathematics)   **August 2018- June 2021**

Model Degree College, Nayagarh, Odisha

CGPA: 6.7

ACHIEVEMENTS

- **Udemy:** Certified Android Developer
- **Udemy:** Mastering Android Automative OS
- **Wooble:** Extra Miler Award (Certification of Excellence)