

Nitesh Kumar Singh

Senior Engineer (Android Developer)

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PROFESSIONAL SUMMARY

I am Android developer with 8 years in Android development. Passionate about clean code, TDD, Kotlin, Coroutines, Java, Android, Jetpack Compose, Android framework (HAL). Active for open-source contributor and love for sharing knowledge and mentoring. Cover full-cycle development, problem-solving, process optimization with excellent communication skill Always ready to take on new challenges

WORK EXPERIENCE

- **Senior Android App Developer**
- **(Freelancer | May 2024 – July 2024, Gujarat)**
 - The Scaling Governor Project (HAL&AIDL&AOSP) Scaling Governor Project manages CPU frequency on Android devices to balance performance and battery life by offering governors like Performance, Power-Save, Conservative, and Schedule. (Tech: HAL, AIDL, AOSP Builder, Selinux policy, C++, C)
- **Senior Android App Developer**
- **(L&T | May 2022 - March 2024, Gujarat)**
 - **Admixed Concrete Dispensing System (HMI):** Developed Engineered a user-friendly HMI application for an admixed concrete dispensing system, enhancing operational efficiency. (Tech : Kotlin , Coroutine , MQTT, Firmware, Middleware ,TCP)
 - **Field Work Mobility Application (FWM):** FWM is a mobile workplace management solution that optimizes field technician operations and replaces paper-based processes with a digital workflow for managing tasks, jobs, supervisors, and shifts. (Tech : Kotlin , Coroutine ,Jetpack Compose, Json Object, CI/CD Pipeline,)
 - **IoT Application (Water Heater Tankless System):** Conceptualized an IoT application for a tankless water heating system, improving energy efficiency. (Tech : Kotlin , Coroutine , IOT, Embedded System, OTA, bugs fix)
- **Senior Android App Developer**
- **(E launch Solution Pvt. Ltd. March 2021-March 2022, Gujarat)**
 - **Muzville- Muslim Marriage App:** Developed a matrimony mobile app that facilitates global user connections, enhancing user engagement. (Tech : Kotlin , Coroutine, Retrofit, Restful Api , WebRTC, [Applink](#).)
- **Android App Developer**
- **(VPN Infotech | December 2020 - February 2021, Gujarat)**
 - Contributed to the development of Kika, Dating, Citizen Calculator, and ASDIAM project enhancing user experience. (Tech : Kotlin , Coroutine, Retrofit, SQLite Restful Api)
- **Android App Developer**
- **(Coderkube Technologies | December 2019 - November 2020, Gujarat)**
 - Developed diverse applications including NAFS, HD Wallpaper, Meetup, Netflix Android Smart

TV, and Covid-19/Weather apps, thereby broadening the app portfolio.

- (Tech : Kotlin , Android ,Java, MVVM ,Retrofit, Restful Api)

- **Senior Android App Developer**

- **(Mantra Tech-no-log | July 2019 - November 2019, Gujarat)**

- Developed applications for Contact List Hide/Unhide, True Caller Screen, and QR Code generation, enhancing user control over privacy. (Tech : Android, Camera-x, QRCode , Service , Broadcast Receiver, Reverse Engineering)

- **Senior Android App Developer**

- **(Helsy Infotech | June 2017 - June 2019, Gujarat)**

- Created various video maker and photo editing apps, enriching user creativity and engagement. (Tech : Android, Java, Camera , NDK , C++ , Google Integration, Proguard-rules.pro)

- **Android App Developer**

- **(Softnoesis Private Limited | January 2016 - December 2016, Gujarat)**

Contributed to E-commerce and GUPSUP projects, supporting business growth and user satisfaction. Tech : Android, Java, loopj library, xml layout, Service)

SKILLS

- Kotlin/MVVM, WebSocket, Android NDK, AOSP Builder, HAL/AIDL/VHAL, Android Framework, Android TV, Android Technology, Camera-x, Constrain Layout, Firebase Storage, Jira Tool, Click-Up, Map-box, Bluetooth, Results-driven, Strategic leader, Android BSP Developer, Proguard-rules.pro, View model, Firmware, Middleware, Responsive, Clean Architecture, delivered quickly
- Coroutine, Flow, TCP, WebRTC, Suspend, SQLite, Room Database, Flutter, MQTT, BLE, C++, C
- Android SDK, Android, JAVA, Mockito, JUnit Testing, Espresso, SOLID Principle, CI/CD Pipeline with Jenkins, Agile/Scrum Master, Team collaboration, Agile methodologies, Project management,
- Jetpack Compose, Google Integration, Embedded System, OTA/FOTA, Service, Broadcast Receiver
- Retrofit, Restful API, Reverse Engineering, SonarQube Tool, HMI Application, IoT Application

ACHIEVEMENT

- **(The App Brewery (Flutter Course) | May 2020 - November 2022, Gujarat)**

- Obtained skills that led to two job offers and the development of three projects: BMI Calculator, Weather App, and COVID-19 App. (Tech : Flutter, Android)

EDUCATION

- **Master of Computer Applications (MCA) & Gujarat Technological University (GTU) 2015**

- Minor in Android with Java GPA: 92.45.

LANGUAGES

- **English & Hindi**

- Intermediate (English/B2)
- Fluently (Hindi/C2)