

Sanjeet Yadav

Senior Android Developer

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PROFESSIONAL SUMMARY

Android developer with 3+ years experience building scalable and high-performance mobile applications using Kotlin and modern Android architecture. Experienced in Jetpack Compose, SDK integrations, performance optimization, and IoT communication systems. Strong problem-solving skills with experience shipping production apps across consumer and enterprise domains.

EDUCATION

B.Tech – Indian Institute of Technology Gandhinagar

2017 – 2021

TECHNICAL SKILLS

Languages: Kotlin, Java, Python, Go, C/C++, SQL

Android: Jetpack Compose, MVVM/MVP/MVC, Coroutines, Flow, Room, Navigation, Hilt/Dagger, Retrofit

Tools: Android Studio, Git, Gradle, Firebase, Docker, CI/CD

Concepts: OOP, Multithreading, Performance Optimization, Memory Management, REST APIs, Testing (JUnit, Espresso)

WORK EXPERIENCE

Senior Android Developer Jul 2024 – Present

Singularity Games

Gurugram (Remote)

- Re-architected legacy view-based codebase into modular MVVM + Compose, decoupling state and UI rendering; reduced regression defects and cut feature integration effort by 50%.
- Embedded Unity runtime inside native Android flow, resolving lifecycle, memory and activity-stack conflicts between engine and host app to support modular in-app games.
- Identified lifecycle race conditions and improper coroutine scope usage causing production crashes; introduced structured concurrency and lifecycle-aware state handling raising crash-free rate to 99.9%.
- Eliminated excessive recompositions and main-thread blocking work by restructuring state flows and snapshot usage, stabilizing frame time under 16ms across 50+ screens.

Software Development Engineer May 2023 – Jun 2024

Nosh Robotics

Bangalore

- Built Android app for IoT device management using MQTT and REST APIs.
- Reduced firmware transfer time from 20 minutes to seconds via protocol optimization.
- Implemented background sync workers for reliable device communication.

Android Developer Nov 2021 – May 2023

Wise App

Bangalore

- Developed reusable UI component library using Jetpack Compose.
- Created SDK abstraction enabling 100+ white-label applications.
- Fixed memory leaks and optimized media playback performance.

Project Associate May 2020 – July 2020

OYO Headstart Summer Internship Program

Bengaluru (WFH), India

- Automated operational workflows using Google Apps Script aggregating data from multiple internal sources.
- Built data processing utilities to reduce manual reporting effort and improve operational turnaround time.

PROJECTS

- **Flip AI Launcher** – Android launcher integrating multiple LLM providers with gesture-based interaction

- **Compose Game of Life (Kotlin Multiplatform)** – Built cellular automaton simulation targeting Android, iOS and Desktop using shared UI with Compose Multiplatform, Koin dependency injection and Voyager navigation