Samar Vispute

Pune, India | +91 9503374684 | samar@samarv121.dev | https://github.com/SamarV-121

Android Engineer with hands-on experience building production Android applications and maintaining open-source Android platform builds. Strong fundamentals in modern Android architecture, Kotlin ecosystem, and cross-platform development.

Skills

Android	**Multiplatform & Backend**	**Tools & Platforms**
Kotlin, Jetpack Compose, MVVM, Clean Architecture	Kotlin Multiplatform (Compose), Ktor, Koin	Git, GitHub Actions, Jenkins
Coroutines, Flow, Hilt, Room, Retrofit	REST APIs, Supabase Firebase (Auth, Firestore, FCM, Storage)	Linux, Bash, Python
Android lifecycle, background work, notifications	Basic system design & data modeling	GCP, Railway, Linode

Experience & Projects

SpoilerAlert - Android Application — 2024 - Present
https://play.google.com/store/apps/details?id=dev.samarv121.spoileralert

- Designed, built, and published a production Android app end-to-end, delivering 20+ core features across product tracking, barcode scanning, reminders, and notifications.
- Integrated **OpenFoodFacts** API with **ZXing** barcode scanner to auto-fetch product details via barcode scanning.
- Utilized **Firebase Firestore** for structured product data storage and **Cloud Messaging (FCM)** for push notifications prior to expiration.
- Architected using **MVVM**, **Jetpack Compose**, **Coroutines**, and **Hilt** for dependency injection.
- Released on Google Play Store with ongoing feature updates and analytics integration.

LineageOS - Device Maintainer & Contributor — 2019 - Present

- Maintained LineageOS builds for **15+ Android devices**.
- Debugged system-level crashes across **framework**, **HAL**, and **kernel layers**.
- Worked with **SELinux policies**, device trees, and vendor blobs. - Automated OTA build and test pipelines using **Bash** and **Jenkins**.
- Gained strong understanding of Android internals, performance, and stability.

Tailwind - Cross-Platform Animal Rescue Platform — 2025 - 2025

- Building a cross-platform app using **Kotlin Multiplatform + Compose**.
- Achieved ~95% shared code across Android, iOS, and Desktop.
- Implemented authentication, file uploads, and realtime updates using **Supabase**.
- Modular architecture with dependency injection via **Koin**.

Messify - Android Application — 2023 - 2024
https://messify.samarv121.dev

- Built an Android app to discover and manage mess subscriptions, implementing 3 user roles, 10+ screens, and structured **Firestore** backed workflows.
- Prototyped subscription payments using **Razorpay** SDK, implementing 3+ payment flows (initiation, verification, failure handling) and multiple transaction states.

Open Source & Other Work

- Gerrit Utils: Built a Python-based CLI tool to streamline Gerrit code review workflows.
- Developed automation scripts and bots using Bash, Python, and REST APIs.
- Experience building lightweight backend services, cron jobs, and proxy layers.

Education

MES IMCC, Pune	2023 - 2025	**Z. B. Patil College, Dhule**	2020 - 2023
Master of Computer Applications - 8.28 CGPA		Bachelor of Computer Applications - 9.43 CGPA	