

SAMEER KUMAR

Software Engineer • Android Developer • Kotlin Multiplatform Developer

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SUMMARY

Computer Science graduate specializing in Android development. Developed and maintain a Google Play application with **10K+ downloads** and a **4.3 rating**. Proficient in Kotlin, Android SDK, MVVM, Room, Retrofit, Coroutines, WorkManager, Firebase, and REST APIs.

TECHNICAL SKILLS

Programming: Kotlin • Java • C++ • SQL • JavaScript

Tools: Android Studio • Git • GitHub • Gradle

Android: Android SDK • XML • Jetpack Compose • KMP • Jetpack Navigation

Core: MVVM • Room • SQLite • Retrofit • Volley • REST APIs

Firebase: Authentication • Firestore • Realtime DB • FCM

Concurrency: Coroutines • WorkManager • Node.js

EXPERIENCE

Web Development Intern

Aug 2025 – Nov 2025

Kisan Fodder Mills Pvt. Ltd., Greater Noida

- Contributed to the development and maintenance of the company's ERP system and web portal by resolving production issues and improving maintainability.
- Collaborated on debugging, testing, deployment, and technical documentation.

SELECTED PROJECTS

GBU Timetable – Android Application

[Play Store](#)

- Built, published, and currently maintain a production Android application with **10K+ Google Play downloads** and a **4.3 rating**.
- Developed using **Kotlin, XML, MVVM, Room, Retrofit, SQLite, WorkManager, Kotlin Coroutines**, and **Firebase Cloud Messaging (FCM)** for offline-first synchronization and real-time notice delivery.
- Implemented **5+ application features** including favorites, faculty timetables, timetable rendering, backend updates, and scheduled background synchronization.

Smart Campus Public Complaint System – KMP Application

[GitHub](#)

- Led development of a cross-platform complaint management platform with **5+ core modules** including GPS geo-tagging, authentication, duplicate detection, complaint upvoting, and real-time synchronization.
- Designed the software architecture using UML, ER diagrams, and DFDs while implementing analytics dashboards and an experimental drone-assisted pothole verification workflow.

AirQuali – KMP IoT Application

[GitHub](#)

- Built a Kotlin Multiplatform IoT application integrating **5 environmental parameters** (AQI, PM2.5, PM10, temperature, and humidity) with trend visualization and configurable alerts.

Cultural Council Digital Platform – Web Platform

[Website](#)

- Developed backend APIs supporting image uploads, gallery generation, media management, and event content management for the official university Cultural Council website.

LEADERSHIP

Head | Cultural Council Core Team

2024 – 2026

Gautam Buddha University

- Managed operations of more than **10 university clubs** across technical and cultural domains.
- Led planning and execution of Abhivyanjana by coordinating 10+ university clubs, volunteers, and multiple cultural events.
- As General Secretary of the Techno Cultural Council, organized **Ignition** and a national-level 24-hour hackathon.

EDUCATION

Bachelor of Technology (B.Tech.) – Computer Science Engineering

2022 – 2026

Gautam Buddha University

CGPA: 7.4 / 10