

Bikash Gupta

☎ 9348462044 | ✉ bikashgupta787@gmail.com | [in bikashgupta](https://www.linkedin.com/in/bikashgupta) | [github bikashgupta787](https://github.com/bikashgupta787)

Summary

Android Developer with 3 years of experience building offline-first healthcare applications using **Kotlin, Jetpack Compose, MVVM, Coroutines, Room, Firebase, and BLE integrations**. Delivered production apps used across **300+ healthcare clinics** and owned products from architecture to deployment.

EXPERIENCE

Android Developer

July 2023 – March 2026

Alfaleus Technology Pvt Ltd

Hyderabad

- Engineered 2 offline medtech Android applications with **Bluetooth/BLE and IoT device integration**, deployed across **300+** healthcare clinics in India and exported globally.
- Designed and implemented the **offline synchronization** architecture for healthcare applications supporting intermittent network environments.
- Eliminated** all production crashes caused by BLE connection failures and null pointer exceptions, achieving a fully crash-free experience in clinical environments.
- Led architectural decisions** for BLE communication and local persistence layers.
- Solely owned end-to-end development** of a smart eye drop adherence application featuring medication tracking, notifications, and adherence reporting.

Android Developer - Intern

Jan 2023 – July 2023

Asti Infotech

Bengaluru

- Implemented **OTP-based authentication** and camera/gallery integration, enhancing app security and media access functionality. Developed and tested new UI features, increasing **feature adoption by 20%**.

PROJECTS

CalcXpert | *Kotlin, Jetpack Compose, MVVM, Hilt* |

- Built a multi-functional calculator app supporting standard arithmetic and metric-based conversions (age, BMI, temperature, speed) with real-time result updates via **StateFlow**.
- Architected with clean MVVM, Hilt for dependency injection, and **Navigation Compose** for routing, following modern Android development conventions throughout.
- Designed the UI with **Material 3** components, focusing on an intuitive, conversion-first user experience.

SpendBhai – Expense Tracker App | *Kotlin, XML, MVVM, Room, LiveData* |

- Built a personal finance app with monthly budgeting, category-wise expense analytics, and dynamic filtering using MVVM and LiveData for a fully reactive UI.
- Implemented an offline-first architecture with Room database, ensuring seamless performance without internet dependency.
- Focused on UX polish with features like **swipe-to-delete with undo**, dynamic empty states, and real-time budget feedback.

TECHNICAL SKILLS

Languages: Kotlin, Java

Android: Android SDK, Jetpack Components, Compose, Coroutines, Clean Architecture, MVVM, Dependency Injection, Bluetooth/BLE API

Database & Backend: SQLite, RoomDB, Firebase, Retrofit

Testing & Tools: Android Studio, Unit Testing, Git, GitHub, Postman, Material 3, Gemini AI

EDUCATION

Christ University

Bengaluru

Masters in Computer Application (MCA)

2021 – 2023

Gitam University

Visakhapatnam

Bachelors in Computer Application (BCA)

2018 – 2021