

MUHAMMAD SAAD



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SOFTWARE ENGINEERING STUDENT

Final Year Software Engineering student specializing in Android development with hands on experience building Kotlin applications using Jetpack Compose, Firebase, Room Database, and ML Kit. Developed multiple real world Android projects, including SpendWise (Expense Management App), GupShup (Real-Time Chat Application), and GiveEase (Donation Platform connecting NGOs with donors). Passionate about mobile AI integration and scalable Android solutions. Seeking an Android Developer Internship or Junior Android Developer role.

PROJECTS

1 SpendWise Expense Management Mobile App

Technologies: Kotlin, Jetpack Compose, Room Database, MVVM

- Built an Android expense tracker app that works fully offline, allowing users to log daily income and expenses without needing an internet connection.
- Used Room Database for local storage and followed MVVM architecture to keep the codebase clean, organized, and easy to scale.
- Designed a simple dashboard with spending categories, transaction history, and visual insights to help users understand and manage their finances better.

2 GiveEase Donation Platform Connecting Donor and NGO

Technologies: Kotlin, Firebase Firestore, Cloud Storage, Notifications

- Built a full stack mobile app that connects donors directly with NGOs, simplifying how donations are collected, managed, and tracked.
- Designed role-based dashboards for different user types (donors, NGO, admins), with features for campaign management, donation history, real-time impact dashboard and notifications.
- Integrated Firebase for authentication, Firestore database, and cloud storage ensuring secure, scalable, and real-time data handling across the application.

3 GupShup - Real Time Chat Application

Technologies: Kotlin, Firebase Firestore, Realtime DB, Authentication, Notification

- Developed a real-time chat application with user registration, login, friend search, and a status screen for a complete social messaging experience.
- Built real-time messaging using Firebase, allowing users to send and receive messages instantly without refreshing.
- Used RecyclerView and ViewModel to efficiently display and manage chat messages dynamically while maintaining a smooth user experience.

EDUCATION

Punjab Group of Colleges

Higher Education in Computer Science (ICS)
2020- 2022

Comsat University Islamabad Sahiwal

Bachelor of Science in Software Engineering
2022- 2026

CERTIFICATION

1. Meta Android Application Development – Coursera
2. Design Thinking for Innovation – University of Virginia (Coursera)
3. AI for Everyone – DeepLearning.AI (Coursera)
4. Git Version Control – Coursera

SKILLS

- Android Studio
- Kotlin
- Jet Pack Compose
- MVVM Architecture
- Firebase