Ayush Agrawal

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🌐 View Portfolio

Education

JSS Academy of Technical Education Nov. 2022 – Aug 2026(Expected)
Bachelor of Science in Computer Science CGPA 8.6/10 *Noida, Uttar Pradesh*

Experience

Gamehok Technologies July 2024 – Novemeber 2024
Android Developer Intern *Remote*
- **Developed** an Android gaming community app using **Jetpack Compose**, **Retrofit**, **Hilt**, and **MVVM**, enabling gamers to participate in tournaments, join teams, and communicate seamlessly.
- **Implemented** real-time chat rooms and team collaboration features, enhancing user engagement and interaction within the platform.
- **Optimized** app performance and API integrations, ensuring a smooth user experience with minimal latency and efficient data handling.
- **Collaborated** closely with designers and backend developers to deliver a scalable and feature-rich application tailored for gaming communities.

Projects

Flatmate Finder (Flatify) | Project Link | *Kotlin, Dagger Hilt, Retrofit, Coroutines, MVVM, Socket IO* **March 2024**
- **Developed** a flatmate-finding app using **MVVM** architecture, **Retrofit**, **Hilt** and **Socket IO**,enabling users to search for and connect with potential **roommates**.
- Integrated **CardStackView** library for Tinder-like swipe able cards to increase user interactions, **engaging design**.
- **Implemented real-time chat** with **Socket.IO**, allowing seamless communication between users looking for flatmates.
- **Collaborated** with UI/UX designers to create a visually appealing and functional interface tailored for students.

Zealicon 2K24 | Project Link | *Kotlin, Dagger Hilt, Retrofit, MVVM, Firebase* **May 2024**
- **Developed** the official **Zealicon 2K24** app with a horror-themed UI, providing an immersive experience for event attendees. It have over **500+ downloads** on PlayStore.
- **Integrated Razorpay** for secure ticketing, enabling seamless event **registrations and payments**.
- **Designed** an intuitive event exploration system, allowing users to easily discover, register, and participate in various fest activities.
- **Implemented OTP authentication and unique Zeal-ID** for attendees, ensuring secure access and personalized event tracking.

Line Up | Project Link | *Kotlin, Dagger Hilt, Retrofit, Coroutines, MVVM, Socket IO* **May 2024**
- A **Game** that include scanning **QR's of nearby players** to ascend the leaderboard. Player can **search user** with **radar** provided in the app.
- Developed an interactive game with **radar** and **scanner** mechanics, handling over **80+ concurrent users**.
- Implemented **dynamic avatar** resizing with **ViewPager** and integrated a **compass** for enhanced navigation.
- Created a custom **RadarView** for improved **visualization** and **user interaction**.
- Enabled accurate location-based features using both **background** and **foreground services** used **Socket IO**.

Technical Skills

Languages: Kotlin, Java, XML
Developer Tools: Android Studio, Firebase, VS Code, Mongo DB
Technologies/Frameworks: Android SDK, Jetpack Compose, Retrofit, Hilt, RoomDB, Git, MVVM, Clean Architecture

Leadership / Extracurricular

Google Developer Group On Campus **July 2023 – Present**
Core Team Member—Android Developer
- Organized and conducted Android Study Jams 2023 & 2024, fostering innovation and collaboration among students.
- Delivered talks and mentorship sessions on Android frameworks, including Jetpack Compose and MVVM, helping peers and juniors build scalable and modern applications.
- Achieved a benchmark of 3 ⭐Coder at CodeChef