

# Aryan Jaiswal

## Android App Developer

## Bachelor of Technology – 3<sup>rd</sup> Semester

Jaypee University of Engineering & Technology  
Guna, Madhya Pradesh

### Contact



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<https://github.com/Aryan123aryan>

### Academic Details

- **Jaypee University of Engg. & Techn.**  
B. Tech in Computer Science
- **St. Xavier's Senior Sec. School**  
10<sup>th</sup> and 12<sup>th</sup>

### Soft Skills

- **Leadership**
- **Adaptability**
- **Collaborator**

### Technical Skills

- **Programming Languages:**  
C, C++, Java, Kotlin, Python
- **Frameworks/Tools:**  
Android Studio, Git, Firebase, Arduino IDE
- **Database:**  
MySQL
- **Web Technologies:**  
HTML, CSS

### Certifications

- **Electronic Arts – Software Engineering Job Simulation:** FORAGE
- **Goldman Sachs – Software Engineering Job Simulation:** FORAGE
- **Practical HTML and CSS:** INFOSYS SPRINGBOARD
- **Python for Beginners:** Microsoft Learn
- **App Development (Kotlin):** Udemy

### Profile Summary

- Second-year B. Tech student in Computer Science with a strong understanding of programming concepts and software development.
- Proficient in Java, Python, C++, and familiar with Android development, web technologies (HTML, CSS), and databases (MySQL).
- Worked on multiple projects, including a real-time group chat application and a hospital queue management system.
- Experienced in collaborating on team projects, demonstrating problem-solving skills and technical expertise.
- Eager to apply knowledge through internships and contribute to innovative tech projects.

### Academic Projects

#### Group Chat Application (Ongoing)

- Developed a real-time group chat application using Firebase and Android Studio.
- Implemented anonymous login, group creation, and messaging features with real-time syncing.
- Working on features like read receipts and message encryption.
- **Technologies:** Kotlin, Firebase, Android Studio, Jetpack Compose.

#### Proximity Sensor Alarm System (Arduino)

- Designed an IoT-based alarm system using an ultrasonic sensor to detect nearby objects and trigger a buzzer and LED.
- Added mobile notification functionality via Firebase to alert the user of proximity breaches.
- **Technologies:** Arduino, Ultrasonic Sensor, Firebase, Kotlin (for mobile app).

#### Hospital Queue Management System (Android Application Ongoing)

- Creating an android application to manage hospital queues, patient admissions, bed availability, and inventory management.
- Collaborating with team members to integrate the system with a city-wide healthcare module.
- **Technologies:** Firebase, Jetpack Compose, Kotlin, Spring Boot

### Achievements

- Selected as a contributor for the Timechain Summer of Code Program, TSoC'24 conducted by Timechain Labs.

### Extracurricular Activities

- Founded a coding community in college named as CODE CONQUERORS
- Coordinator of IETE Student Forum.
- Coordinator of Mozilla Coding Club of my College.
- Participated in Hackathons (SIH, Lam Research) and Coding Challenges.