

RISHIKA PAUL

📍 Raiganj, West Bengal ✉️ rishikapaul335@gmail.com 💼 Rishika Paul 🌐 @Rishika-335

CAREER OBJECTIVE

A passionate and motivated Computer Science student with a passion for Android development and full-stack Java. Eager to apply problem-solving skills and build impactful solutions through collaborative opportunities.

EDUCATION

Chandigarh University [QS World University Ranking 231] Mohali, Punjab
B.E Computer Science and Engineering, CGPA: 8.4/10.0 August 2023 – Expected June 2027

Bethany Mission School (CBSE) Raiganj, West Bengal
Class XII (PCMB), Percentage: 94% 2022

Techno India Group Public School (CBSE) Raiganj, West Bengal
Class X, Percentage: 96% 2020

EXPERIENCE

MediSwift Partner- Medicine Delivery App DEV SEC IT, Raiganj
Android Developer Summer Intern June 2025 – Present

- Built an Android app for delivery personnel using **Firebase Realtime Database, Authentication, and Cloud Messaging** for secure and real-time operations.
- Implemented scalable and modular codebase using **Jetpack Compose** and MVVM architecture.
- Integrated push notifications and dynamic order tracking tailored for real-world delivery operations.

PROJECTS

Harmoni Hand [Arduino, Python, Sensors (IMU, Flex, ToF)] April 2025

- **Problem:** Traditional music learning requires different instruments, physical dexterity, and costly hardware—limiting access for beginners and differently-abled users.
- **Solution:** A smart glove-based musical interface that maps hand gestures and movements to chords in real-time, enabling audio playback for guitar, piano, and drums.
- **Designed With:** Cross-instrument gesture recognition—learn a gesture once and apply it across instruments for real-time feedback and sound. Increases accessibility by replacing complex instruments with a low-cost, portable glove that enables intuitive, gesture-based learning for all skill levels.

MedShare [Kotlin, Java (Spring Boot), MongoDB, AWS] January 2025 - April 2025

- **Problem:** Limited access to essential medicines during late hours or emergencies in hostels and apartments.
- **Solution:** A real-time, peer-to-peer mobile app that allows users to request and share medicines nearby using location-based matching and instant communication.
- **Designed With:** Privacy-focused architecture and a clean, responsive user interface for quick emergency handling.

TECHNICAL SKILLS

Languages(Proficient): Java, Python, MySQL
Frameworks(Proficient): Jetpack Compose, Flask
Languages(Familiar): C, C++, Kotlin, Latex
Other Skills: Microsoft tools (Powerpoint, Word, Excel), Figma, Canva

INTERPERSONAL SKILLS

Analytical | Collaborative | Adaptable | Accountable | Meticulous

AWARDS AND ACHIEVEMENTS

- **Achiever's Award 2025 at Chandigarh University**
- **Hackathon Winner at HackByte 3.0**
- **Gold Medalist in International Mathematical Olympiad(IMO) in 2020**
- **School Vice Captain**