

# RISHIKA PAUL

📍 Raiganj, West Bengal    ✉ [rishikapaul335@gmail.com](mailto: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

<b>Chandigarh University</b> [QS World University Ranking 231] <i>B.E Computer Science and Engineering, CGPA: 8.4/10.0</i>	Mohali, Punjab <i>August 2023 – Expected June 2027</i>
<b>Bethany Mission School (CBSE)</b> <i>Class XII (PCMB), Percentage: 94%</i>	Raiganj, West Bengal <i>2022</i>
<b>Techno India Group Public School (CBSE)</b> <i>Class X, Percentage: 96%</i>	Raiganj, West Bengal <i>2020</i>

## EXPERIENCE

<b>MediSwift Partner- Medicine Delivery App</b> <i>Android Developer Summer Intern</i>	DEV SEC IT, Raiganj <i>June 2025 – Present</i>
<ul style="list-style-type: none"><li>• Built an Android app for delivery personnel using <b>Firebase Realtime Database, Authentication, and Cloud Messaging</b> for secure and real-time operations.</li><li>• Implemented scalable and modular codebase using <b>Jetpack Compose</b> and MVVM architecture.</li><li>• Integrated push notifications and dynamic order tracking tailored for real-world delivery operations.</li></ul>	

## PROJECTS

<b>Harmoni Hand</b> [Arduino, Python, Sensors (IMU, Flex, ToF)]	April 2025
<ul style="list-style-type: none"><li>• <b>Problem:</b> Traditional music learning requires different instruments, physical dexterity, and costly hardware—limiting access for beginners and differently-abled users.</li><li>• <b>Solution:</b> 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.</li><li>• <b>Designed With:</b> 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.</li></ul>	
<b>MedShare</b> [ Kotlin, Java (Spring Boot), MongoDB, AWS]	January 2025 - April 2025
<ul style="list-style-type: none"><li>• <b>Problem:</b> Limited access to essential medicines during late hours or emergencies in hostels and apartments.</li><li>• <b>Solution:</b> A real-time, peer-to-peer mobile app that allows users to request and share medicines nearby using location-based matching and instant communication.</li><li>• <b>Designed With:</b> Privacy-focused architecture and a clean, responsive user interface for quick emergency handling.</li></ul>	

## 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**