Swastika Roy

swastikaroytitu@gmail.com | 8092681269 | LinkedIn: Swastika Roy | GitHub: Swastika-Roy

EDUCATION

Haldia Institute of Technology   **Haldia, India**
Btech. In Information Technology   *Expected Graduation, May 2027*

- o **Concentrations:** Software Development
- o **CGPA:** 8.3
- o **Related Coursework:** Data Structures & Algorithms, Computer Organization & Programming, Operating System, Object-Oriented Programming, Database Management System, Computer Networks.

TATA DAV SIJUA   **Sijua, Dhanbad, India**
Class 12(Higher Secondary Examination)   *April 2022 – March 2023*

- o **Percentage: 87%**
- o **Core Subjects:** Physics, Chemistry, Mathematics, Informatics Practices

SKILLS

Programming: Java, Python, HTML, CSS3, C.
Backend Frameworks: Spring Boot.
Database: MySQL, PostgreSQL, Redis.
DevOps: Docker, Kubernetes, AWS, Git, Linux, Bash.
IDE & Tools: Visual Studio Code, IntelliJ IDEA, PyCharm IDE, Postman, GitHub, Swagger docs.

PROJECTS

Airbnb Backend   **Haldia, India**
Solo Project (GitHub Repo)   *Jun 2025 – Present*

- Developed a comprehensive hotel booking and management backend using Spring Boot, featuring like user authentication, dynamic pricing, and secure payment integration (Stripe). Key modules include room inventory management, booking and cancellation system, guest management, minimum price display, role-based access control, and admin control dashboard.

EXPERIENCE

ISA HIT SC   **New York, New York**
Backend Developer   *March 2023 – Present*

- Working as a Backend Developer in ISA Haldia Institute of Technology Student Chapter.

Achievements

- Smart India Hackathon Intra-College Winner.
- Solve 80+ Leetcode and 160+ GeeksforGeeks DSA problems.

Certifications

- **NPTEL Certification** – **Programming in Java (Elite)** Successfully completed a 12-week course conducted by IIT Kharagpur with an 80% score, earning the Elite certification. Gained strong proficiency in Java programming, covering OOP, exception handling, multithreading, and more.