

Shristi Ray

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Summary

Motivated final-year BTech student with a strong foundation in Java, HTML, CSS, and JavaScript. Experienced in developing dynamic applications and implementing innovative solutions. Passionate about programming and technology, with a demonstrated ability to write technical blogs in Java. Eager to contribute to collaborative projects and leverage my skills to create impactful software solutions. Enthusiastic about the intersection of travel and technology.

Education

Dr BC ROY Engineering College, Durgapur	July 2021 – Present
Bachelor Of Technology in Computer Science and Design - 8.59 CGPA	
D.A.V Public School, Durgapur	2021
Senior Secondary School Examination - 79.4%	
S.K.S Public School, Mangalpur	2019
Secondary School Examination - 87.2%	

Experience

Research Intern , International Institute of Information Technology Naya Raipur, Raipur	May 2024 – July 2024
• Worked on Anomaly Detection in Network Security Using Isolation Forest and KMeans Clustering.	

Projects

Effort Tracking System (Spring Boot)

- Developed an Effort Tracking System to monitor and track work progress across roles like employees, managers, and designers.
- Enabled real-time tracking and updates for the admin to oversee work status and ensure project timelines.
- Designed intuitive dashboards for quick review of effort hours, project milestones, and productivity insights..
- **Tools Used:** Java, Spring Boot, MySQL, Postman, AJAX

StudyNotion

- Developed StudyNotion, a MERN stack-based ed-tech platform for creating, consuming, and rating educational content.
- Designed interactive front-end using ReactJS and Tailwind, robust back-end with Node.js and Express.js, and scalable data storage via MongoDB. Implemented features including user authentication, course management, payment integration, and API design.

Achievements

- Participated in hackathons, showcasing innovative problem-solving skills in competitive environments.
- Attended a Robotics Seminar held at college to enhance knowledge of automation technologies.
- Actively participated in Tech Fests, encouraging students to engage in contests and collaborative projects.

Technologies

Languages: C, Java, HTML, CSS, JavaScript, MySQL

Tools: Git, VS Code, MongoDB Compass, Eclipse, Overleaf

FrameWorks: Spring Boot(JAVA)

CS Fundamentals: Data Structures and Algorithms (JAVA), Object Oriented Programming Language (JAVA), Operating System (OS)

Soft Skills: Autonomous, Detail Oriented, Leadership, Time Management, Public Speaking, Cooperation