Rinki Singha Roy

Aspiring Software Engineer | Full Stack Developer Krishnagar,

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Professional Summary

Computer Science student with experience in requirement analysis, research-driven problem-solving, and converting business needs into structured technical solutions. Exposure to web application development and AI research (Scopus-indexed), with strong analytical thinking and clear communication skills.

Experience

Yuga Yatra Retail (OPC) Private Ltd

Software Engineer Intern   July 2025-Sep2025

- Analyzed business requirements and contributed to website & mobile app development.
- Used AI-assisted tools (Cursor AI) to accelerate development and improve productivity.

Technical Skills

- **Languages:** Java, Python, JavaScript
- **Web Technologies:** HTML, Tailwind CSS, React
- **Database:** MySQL
- **Core Concepts:** Data Structures & Algorithms, Object-Oriented Programming, DBMS
- **Tools & Platforms:** GitHub, MS Word, MS Excel

Projects

Lumina – Student Academic Resource Platform | React.JS, Node.JS, Express.JS, MySQL, Tailwind CSS
GitHub Repository: https://github.com/rinkisingharoy/Lumina-Project
  Built a full-stack platform enabling students to access semester-wise academic resources.

- Developed REST APIs using Node.js and Express.js for data handling.
- Designed responsive frontend using React.js and Tailwind CSS.
- Integrated MySQL database for structured storage and retrieval of resources.
- Interpreted student requirements and designed a structured digital solution for academic resource management

Amazon Clone – Static Web Page | HTML, CSS

- Developed a responsive replica of the Amazon homepage using **Flexbox and Grid**.
- Focused on **pixel-perfect layout, responsiveness, and clean code practices**.

Education

- B.Tech | Computer Science & Engineering 2023 –2026(Lateral)
  CGPA: **8.05**   **MAKAUT,**Krishnagar

Certification and Achievements

- **Published Research Paper**: "Search Optimization With AI: Enhancing Search Functionalities Through NLP" – *IGI Global (Link)*
- IBM Skill Build – Introduction to Retrieval Augmented Generation (Aug 2025)
- Certifications- Tata Group – GenAI Powered Data Analytics Virtual Experience (Forage)
- Deloitte Australia –Technology Virtual Experience (Forage)

Soft Skills

- Research-driven problem-solving & self-learning ability
- Clear written and verbal communication