

Soumya Raj Sarkar

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EDUCATION

- RCC Institute of Information Technology** Kolkata, West Bengal, India
Bachelor of Technology in Computer Science and Engineering October 2022 – June 2026

EXPERIENCE

- Infomaticae Technology Pvt. Ltd.** Remote
Software Engineer Intern February 2025 – May 2025
 - Developed backend APIs using NestJS framework with Docker containerization and TypeORM for database management, improving system scalability and maintainability
 - Implemented comprehensive CRUD operations for key project components, resulting in enhanced data processing efficiency and streamlined workflow automation
 - Collaborated with cross-functional teams to deliver robust backend solutions, ensuring seamless integration with frontend applications and third-party services
- BuyBox** Remote
Frontend Developer (Freelance) February 2025 – Present
 - Built responsive and dynamic web application frontend using Next.js and Tailwind CSS, delivering modern user interface with optimal performance across devices
 - Implemented contemporary UI/UX design patterns and interactive components to enhance user experience and engagement metrics
 - Successfully deployed and maintained live website serving active users at buybox1.co.za, ensuring consistent uptime and smooth functionality

PROJECTS

- Innovision 2024 - Department Fest Website:** Developed official website for CSE departmental fest featuring event management, team registration, and real-time updates. Built using Next.js and Supabase with responsive design and dynamic data fetching. Contributed to events and teams section development for seamless user experience.
- RapidRevise - Last Minute Revision Web Application:** Developed backend infrastructure using Python for exam preparation platform. Implemented intelligent content curation system that analyzes user syllabus and time constraints to recommend relevant educational videos. Built PDF summarization feature enabling users to extract key concepts from study materials and textbooks.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, TypeScript
Frontend Technologies: React.js, Next.js
Backend Technologies: Node.js, Express.js
Databases: MySQL, MongoDB
Tools and Platforms: Git, GitHub, VS Code

ACHIEVEMENTS

- Smart Bengal Hackathon Finalist:** Selected as team member for final round of Smart Bengal Hackathon at RCCIIT, Kolkata. Contributed to backend development of Grouplance project using modern web technologies.
- Status Code 1 Hackathon Finalist:** Participated as team member in Status Code 1 final round at IISER, Kolkata. Developed backend infrastructure for NeuraMed project using Python and contributed to frontend implementation.