

Sourav Mahata

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PROFILE

Final-year **B.Tech student** skilled in **DSA** and **MERN stack**, with hands-on experience delivering **live production projects** (Class Suru, DocNest, Portfolio) and mentoring peers. Proven ability to build scalable web applications (frontend + backend) and collaborate in Agile teams. Passionate about problem-solving and fast learning.

EDUCATION

- **Bachelor of Technology** in Computer Science & Business Systems 2022 – 2026
Meghnad Saha Institute of Technology (MAKAUT) , Kolkata, India | GPA : 7.54 (up to 6th Sem)
- **Higher Secondary** , Sevayatan Vidyalaya (WBCHSE) | 88.2% 2019 – 2021
- **Secondary** , Sevayatan Vidyalaya (WBBSE) | 84.4% 2018 – 2019

SKILLS

- **Programming & Fundamentals** : JavaScript , C, C++, Data Structures & Algorithms, OOPs, DBMS
- **Web Development** : React.js, Node.js, Express.js, MongoDB, RESTful APIs, JWT-Authentication
- **Tools & Platforms** : Git, GitHub, Vercel , Netlify, Render, Razorpay
- **Practices** : Debugging, Unit Testing, Clean Code, Agile Collaboration

EXPERIENCE

Class Suru – [Live](#)

Kolkata ,India

Frontend + API Developer

Nov 2024 – May 2025

- Developed student & admin dashboards using React, enhancing usability for 500+ users.
- Built real-time exam modules with timers and auto-submission, improving exam reliability.
- Integrated JWT-based authentication and role-based access control, ensuring secure usage.
- Deployed and tested full-stack platform for production, ensuring scalability and stability.

PROJECTS

DocNest – [Live](#)

July 2025 – Present

- Developed a full-stack doctor appointment platform using Node.js, Express.js, and MongoDB.
- Implemented secure authentication, CRUD operations, and an MVC-based architecture for maintainability.
- Streamlined booking workflows, enhancing usability and reducing scheduling conflicts.

Personal Portfolio Website – [Live](#)

May 2025 – Aug 2025

- Designed and developed a responsive portfolio using React, Tailwind CSS, and Framer Motion, showcasing projects and blogs.
- Integrated a backend with Node.js, Express.js, and MongoDB to manage contact forms and dynamic content.
- Deployed on Vercel, ensuring fast load times and cross-device compatibility.

LEADERSHIP & ACHIEVEMENTS

- DSA Lead, Hackerspace – Coding Community of MSIT Feb 2024 – Mar 2025
Mentored students in Data Structures & Algorithms (DSA) and problem-solving.
- Executive Member, Greenovation Club Oct 2023 – Nov 2024
Organized tech-driven sustainability initiatives and managed events.

CERTIFICATIONS

- Mastering Data Structures & Algorithms using C and C++ – Udemy – Mar'25 ([link](#))
- HTML, CSS, React, JavaScript – KG Coding.