

Sonu kumar

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EDUCATION

Netaji Subhash Engineering College, Garia B.Tech in Computer science and engineering CGPA:7.6 (Till 6 th semester)	West Bengal, India june 2022 - 2026
S.S college Hawaspur,samstipur,bihar Higher Secondary Education; (Bihar Board) 2021	Samastipur, Bihar Apr 2019-Mar
G.B high school shahpur patory samastipur,bihar Secondary Education; (BSEB Board) 2019	Samastipur,Bihar Apr 2018-Mar

Personal PROJECT

Hospital Management System

- Developed a responsive Hospital Management System frontend using ReactJS, HTML, CSS, and JavaScript.
- Created interactive UI components for patient registration, doctor listing, and appointment booking.
- Implemented React Router DOM for smooth navigation between pages (Home, About, Patients, Doctors, etc.).
- Applied React Hooks for state management and maintained modular, reusable component structure
- Followed **responsive web design principles**, making the app mobile-friendly and accessible across screen sizes.
- Optimized component re-rendering using **React best practices**, ensuring faster load time and better performance.

SKILLS

- **Programming:** j a v a , C/C++, JavaScript, HTML, CSS,Reactjs.
- **Technologies & Tools:** Git/GitHub, VS Code.
- **Coursework:** Data Structures & Algorithms, Object-Oriented Programming, DBMS.
- **Soft Skill:** Communication, Teamwork, Problem-Solving, Adaptability, Continuous Learning

ACHIEVEMENTS

- Software Engineering Job Simulation – **Accenture** (via *Forage*) [certificatelink](#)
- Led Departmental Cricket Team to Victory in the College Premier League, serving as Team Captain.
- Demonstrated leadership, strategic planning, and team coordination under pressure

CODING CHALLENGES

- Solved 250+ problems on **LeetCode**, consistently improving algorithmic thinking and coding efficiency across real-world scenarios [Profilelink](#)
- Gained hands-on experience in core DSA topics including arrays, strings, linked lists, stacks, queues, trees, and binary search trees.
- Focused on solving problems of **varying difficulty levels (Easy, Medium, Hard)** using optimized approaches and clean code.
- Regularly practiced **interview-specific patterns** like sliding window, two pointers, binary search, and recursion.