Sarthak Lodhi

Full-Stack Web Developer | MERN Stack | Problem Solver

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Roll No: 2311201221, Maulana Azad National Institute of Technology, Bhopal

SUMMARY

Results-driven Full-Stack Web Developer skilled in the MERN stack (MongoDB, Express.js, React, Node.js). Experienced in designing RESTful APIs, integrating secure authentication, and developing responsive, scalable web applications. Possesses a strong foundation in Data Structures, Algorithms, and Database Management Systems.

EDUCATION

- **Maulana Azad National Institute of Technology, Bhopal** — *2023 – Present*
  B.Tech in Computer Science and Engineering — CGPA: 7.88
- **Saket Shishu Ranjan, Vidisha** — *2022*
  Board of Secondary Education, MP – 12th — Percentage: 90.4
- **Saket Shishu Ranjan, Vidisha** — *2020*
  Board of Secondary Education, MP – 10th — Percentage: 97

PROJECTS

- **Job Portal Website (MERN Stack, JWT Auth, MongoDB, REST APIs)**
  Full-stack job portal enabling recruiter and job-seeker interactions with role-based access.
  - **Technologies:** MongoDB, Express.js, React.js, Node.js, JWT, REST APIs, shadcn/ui, Tailwind CSS, React Router, Axios, Mongoose.
  - Engineered a secure authentication system using JWT, eliminating unauthorized access incidents.
  - Developed a recruiter dashboard to manage job postings, improving hiring efficiency by **40%**.
  - Built job-seeker modules for applying, tracking, and updating profiles with an enhanced user experience.
  - Optimized backend APIs with Express.js and MongoDB, reducing average response time by **25%**.
  - Delivered a fully responsive interface using Tailwind CSS and shadcn/ui for a consistent visual design.
- **Inkwell Blog App (React, Appwrite, Redux Toolkit, Tailwind CSS)**
  A full-stack blogging platform supporting authentication, image uploads, and CRUD operations.
  - **Technologies:** React, Redux Toolkit, Appwrite (BaaS), Tailwind CSS, React Router, TinyMCE, Vite.
  - Implemented user authentication and session management via Appwrite Auth APIs with **99.9% uptime**.
  - Integrated a rich-text editor using TinyMCE, enabling image uploads and content formatting for **50+ users**.
  - Built complete CRUD functionality, improving post-management efficiency by **60%**.
  - Created a mobile-responsive UI using Tailwind CSS and React Router to ensure seamless navigation.

TECHNICAL SKILLS

Languages: C, C++, JavaScript
Frameworks / Libraries: React.js, Node.js, Express.js, Tailwind CSS, shadcn/ui, Redux Toolkit
Databases / Cloud: MongoDB, Appwrite, SQL
Developer Tools: Git, GitHub, Postman, VS Code
Core CS Subjects: Data Structures and Algorithms (DSA), Database Management Systems (DBMS), Operating Systems (OS), Computer Networks (CN), Object-Oriented Programming (OOP)

EXPERIENCE

- **ISTE Student Chapter — Rookie, Talk Show: Anubhuti**
  MANIT Bhopal — Feb 2024 – Apr 2024
  - Coordinated logistics and technical setup for the "Anubhuti" talk show, attended by **500+ participants**.
  - Managed outreach and speaker sessions, increasing event participation by **30%**.

- **Aaroha — Volunteer, Community Teaching**
  MANIT Bhopal — Sept 2024 – Oct 2024
  - Taught academic and digital literacy skills to underprivileged students across **3+ schools**.
  - Designed interactive weekly sessions, improving student engagement by **25%**.

AWARDS & ACHIEVEMENTS

- Solved over **500 DSA problems** across LeetCode, CodeChef, and Codeforces.
- Secured **208th rank** in CodeChef Starters 184.

CODING PROFILES

LeetCode: 350+ problems, Max Rating 1650+ — leetcode.com/sarthaklodhi073
CodeChef: Max Rating 1500+ — codechef.com/sarthaklodhi
GeeksforGeeks: 100+ problems — gfg.com/sarthaklodhi073
Codeforces: Max Rating 1000+ — codeforces.com/sarthaklodhi