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 building scalable, responsive web apps and designing RESTful APIs with secure authentication. 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, reducing unauthorized access by **100%**.
- Developed recruiter dashboard to manage job postings, improving hiring workflow by **40%**.
- Built job-seeker modules for applying, tracking, and managing profiles with improved UX.
- Optimized backend APIs with Express.js and MongoDB, cutting response time by **25%**.
- Delivered a fully responsive interface using Tailwind CSS and shadcn/ui for consistent design.

•**Inkwell Blog App (React, Appwrite, Redux Toolkit, Tailwind CSS)**

Dynamic full-stack blogging platform with authentication, image uploads, and CRUD operations.
- **Technologies:** React, Redux Toolkit, Appwrite (BaaS), Tailwind CSS, React Router, TinyMCE, Vite.
- Built user authentication and session handling via Appwrite Auth APIs with **99.9% uptime**.
- Created rich text editor using TinyMCE enabling image uploads and formatting for **50+ users**.
- Implemented CRUD operations improving content management efficiency by **60%**.
- Delivered mobile-responsive UI using Tailwind CSS and React Router for smooth navigation.

TECHNICAL SKILLS

Languages: C, C++, Python, 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 System (DBMS), Operating Systems (OS), Computer Networks (CN), Object-Oriented Programming (OOPs)

EXPERIENCE

•**ISTE Student Chapter — Rookie, Talk Show: Anubhuti**

MANIT Bhopal — Feb 2024 – Apr 2024
- Coordinated logistics and technical setup for "Anubhuti" talk show with **500+ attendees**.
- Managed outreach and speaker sessions, boosting event participation by **30%**.

•**Aaroha — Volunteer, Community Teaching**

MANIT Bhopal — Sept 2024 – Oct 2024
- Taught academic and digital literacy to **underprivileged children from 3+ schools**.
- Designed weekly interactive sessions, improving student engagement by **25%**.

AWARDS ACHIEVEMENTS

- Achieved **1st rank** among 6000+ participants in CodeClash June 2025 DSA Contest.
- Solved **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 1100+ — codeforces.com/sarthaklodhi