

Anand Maurya

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EDUCATION

Madan Mohan Malaviya University of Technology
B.Tech in Computer Science and Engineering; GPA: 8.56/10.0

Gorakhpur, UP
2023 – 2027

EXPERIENCE

Competitive Programming Assistant <i>Computer Engineering Society (CES)</i>	Hybrid
● Orchestrated high-impact programming events, fostering a coding ecosystem for 500+ participants .	<i>May 2025 – Present</i>
● Curated and stress-tested 50+ algorithmic problems , ensuring 100% error-free execution across university contests.	
Executive Board Member <i>Computer Engineering Society (CES)</i>	Hybrid
● Spearheaded “Code Crusade” and “Game of Codes”, driving 700+ registrations and 500+ active logins .	<i>April 2024 – May 2025</i>
● Authored 20+ original problems per contest, maintaining strict quality standards and balanced difficulty curves.	
● Facilitated knowledge-sharing sessions that enhanced logical thinking skills for 150+ junior developers .	

PROJECTS

Home Help <i>React, Redux, Node.js, MongoDB, Docker, Nginx, AWS EC2</i>	July 2025 – Sept 2025
● Architected a full-stack marketplace for daily-wage providers; implemented Redux state management and Tailwind CSS for a responsive UI, securing all routes via JWT role-based authentication.	
● Built real-time features using Socket.IO and Live Location support, reducing service connection time by 40% ; integrated Image Uploads and an Admin Dashboard for provider verification and platform integrity.	
● Developed provider onboarding workflows with integrated Live Maps to discover nearby verified help, cutting job search friction by 60% and enhancing trust via automated profile tracking.	
● Containerized services with Docker Compose , published images to Docker Hub , and deployed on AWS EC2 using Nginx as a reverse proxy, achieving 99.9% uptime and consistent multi-environment builds.	
College Society Website Template <i>React, Vite, Tailwind CSS, Node.js, Docker</i>	Dec 2025
● Engineered a reusable full-stack template using React + Vite and Tailwind CSS , reducing society site development time by 75% via a centralized, 100% customizable configuration architecture.	
● Developed a robust Node.js backend with JWT role-based authentication and a comprehensive Admin Dashboard for real-time event management and secure student/admin workflows.	
● Containerized the full stack with Docker for one-command deployment , leveraging MongoDB and Docker Hub to ensure consistent builds and zero-config environment setup.	

TECHNICAL SKILLS

Programming & Querying: C, C++, Java, JavaScript, Python, SQL, XML
Frameworks & Databases: React, Node.js, Express, Redux, MongoDB, Tailwind CSS
Cloud/DevOps: AWS (EC2, S3, ECR, ECS, Lambda), Docker, Docker Compose, Nginx, Git
Tools & Technologies: Postman, REST APIs, WebSockets (Socket.io), n8n, OpenAI API, GitHub
Fundamentals: Data Structures & Algorithms, OOP, DBMS, Computer Networks, System Design

ACHIEVEMENTS

- **LeetCode:** Secured a **Global Rank 534** (Top 1%) with a Peak Rating of **1814**; solved **800+** problems and successfully competed in **28+** contests.
- **CodeChef:** Achieved **Global Rank 98** in Starters 197; reached a Peak Rating of **1639 (3-Star)** after competing in **35+** contests.
- **Codeforces:** Reached **Pupil** status (Peak Rating: 1249) and achieved a **Global Rank 2728** in Round 1053 (Div 2) with **270+** problems solved.
- **Problem Setter:** Authored and stress-tested **70+** original algorithmic problems, ensuring **0% technical failure** for **1,200+** cumulative participants.