

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

Computer Engineering Society (CES)

Hybrid

May 2025 – Present

- Orchestrated high-impact programming events, fostering a coding ecosystem for **500+ participants**.
- Curated and stress-tested **50+ algorithmic problems**, ensuring **100% error-free** execution across university contests.

Executive Board Member

Computer Engineering Society (CES)

Hybrid

April 2024 – May 2025

- Spearheaded “Code Crusade” and “Game of Codes”, driving **700+ registrations** and **500+ active logins**.
- 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 | *React, Redux, Node.js, MongoDB, Docker, Nginx, AWS EC2*

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 | *React, Vite, Tailwind CSS, Node.js, Docker*

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.