Anand Maurya

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EDUCATION

Madan Mohan Malaviya University of Technology — Gorakhpur, UP
B.Tech in Computer Science and Engineering; GPA: 8.56/10.0 — *2023 – 2027*

EXPERIENCE

Competitive Programming Assistant — Hybrid
Computer Engineering Society (CES) — *May 2025 – Present*
- Orchestrated high-impact competitive programming events, fostering a coding ecosystem for **500+ participants**.
- Collaborated with the Executive Board to curate and stress-test problem sets, ensuring 100% error-free contest execution.

Executive Board Member — Hybrid
Computer Engineering Society (CES) — *April 2024 – May 2025*
- Spearheaded "Code Crusade 2024-25" and co-organized "Game of Codes", driving **700+ total registrations** and **500+ active logins**.
- Authored the highest volume of original algorithmic problems per contest, maintaining strict quality standards and balanced difficulty curves.
- Facilitated knowledge-sharing sessions that enhanced the logical thinking skills of 150+ junior developers.

PROJECTS

Home Help | *React, Node.js, Docker, AWS EC2, MongoDB*
- **Architected** a full-stack service marketplace connecting daily-wage providers with users, implementing role-based JWT authentication.
- Integrated real-time maps and Socket.IO for seamless provider discovery and communication.
- Containerized application using Docker; published images to Docker Hub and deployed on AWS EC2 with Nginx reverse proxy.
- Streamlined provider onboarding with profile management and live location tracking, enhancing user trust.

AI-Powered Career Email Automation | *n8n, OpenAI API, Gmail API*
- **Engineered** an AI-driven automation system using n8n to analyze Gmail data via scheduled workflows, reducing manual sorting by 90%.
- Built a two-level LLM-based classification pipeline to categorize emails into 7 distinct internship lifecycle stages.
- Integrated OpenAI APIs for context-aware automated responses and connected webhooks for structured tracking in Google Sheets.

College Society Website Template | *React, Vite, Node.js, Docker*
- **Developed** a reusable full-stack society template with secure JWT authentication.
- Introduced a centralized configuration architecture allowing 100% customization of society details without modifying core logic.
- Enabled one-command deployment by containerizing the entire stack using Docker Compose.

TECHNICAL SKILLS

Languages: C, C++, Java, JavaScript, HTML, XML, CSS, SQL
Frameworks/Libraries: React.js, Node.js, Express.js
Cloud & DevOps: AWS (EC2, S3, ECR, ECS, Lambda), Docker, Docker Compose, Nginx
Tools: Git, GitHub, VS Code, REST APIs, n8n, OpenAI API
CS Fundamentals: Data Structures & Algorithms, OOP, DBMS, Computer Networks, System Design

ACHIEVEMENTS

CodeChef: Achieved a maximum rating of 1639 after participating in over 35 contests.
LeetCode: Reached a maximum rating of 1814 by competing in more than 26 contests.
Codeforces: Pupil (Max Rating: 1249).
Problem Setter: Designed challenging problems for multiple coding competitions hosted by the university.