

AYUSH CHANDRA UPADHYAY

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EDUCATION

Madan Mohan Malaviya University of Technology, Gorakhpur
B.Tech - Electronics and Communication Engineering - CGPA - 7.63
Minor Degree in Data Science - CGPA - 8

2022 – 2026

Gorakhpur, Uttar Pradesh

EXPERIENCE/INTERNSHIPS

Vedaz (Full stack Developer)

Aug 2025 - Oct-2025

Remote

- Developed and optimized cross-platform mobile applications using React Native, implementing deep linking, authentication, and real-time socket communication.
- Integrated REST APIs with Node.js backend, improved app performance, and enhanced user experience across iOS and Android.

Soul-AI (Prompt Engineer)

Freelance

Remote

- Designed, optimized, and tested prompts to improve the performance and accuracy of LLM-powered applications.
- Collaborated with AI/ML teams to refine responses, enhance context understanding, and reduce hallucinations.

PROJECTS

AI Finance Advisor ↗ | React, JavaScript, Database - MongoDB, IDE - VS Code

- Build a web application using the MERN stack that helps users understand and manage their personal finances.
- Users will upload simple bank statement data or manually enter spending records. The system will analyse their spending patterns using an AI service and provide insights such as category wise breakdown, budgeting suggestions, saving tips and simple alerts.

GigFlow ↗ | React (Vite), Tailwind CSS, Node.js, Express.js, MongoDB, Socket.IO, JWT

- GigFlow is a full-stack freelance marketplace platform where clients post gigs and freelancers bid, inspired by real-world platforms like Upwork.
- Implemented real-time notifications using Socket.IO and race-condition-safe “Hire” logic with MongoDB transactions / atomic operations to ensure only one freelancer can be hired under concurrent actions.
- Built secure REST APIs with JWT-based authentication, role-based access control, and a responsive React + Tailwind CSS frontend deployed on Netlify, with the backend deployed on Render.

TECHNICAL SKILLS

Languages: Python, C, C++, JavaScript, SQL

Concepts: Data Structures Algorithms, Object-Oriented Programming (OOPs), Database Management System (DBMS), Operating System (OS), Computer Networks (CN)

Technologies/Frameworks/Tools: HTML5, CSS3, React, Node.js, MongoDB, Express, Bootstrap, GSAP, Tailwind, JQuery, Redux, Firebase, Typescript, React Native (Expo, CLI), Git, GitHub, VS Code

CERTIFICATIONS/Achievements

- Solved 1000+ competitive programming problems on LeetCode, HackerRank, and Codeforces, achieving top 2500 globally.
- BFF Hackathon (DTU) Participation Certificate
- Cognizance (IIT-Roorkee) Participation Certificate
- Completed the NPTEL course titled “INTERNET OF THINGS.”
- Completed the NPTEL course titled “MACHINE LEARNING.”
- Completed the NIELIT course titled “PYTHON PROGRAMMING.”
- Secured the runner-up position in Internal SIH’23 and earned selection for the Regional Bootcamp by GDSC India

POSITION OF RESPONSIBILITY

- Student Coordinator – Innovation Incubation Cell (IIC), MMMUT; led innovation initiatives, startup incubation activities, and entrepreneurship programs under MoE’s Innovation Cell.
- Cadet – 102 UP Battalion NCC, Gorakhpur; achieved ‘A’ grades in both NCC B-Certificate and C-Certificate, demonstrating leadership, discipline, and teamwork.
- Captain – University Football Team; led team strategy, training, and coordination, fostering leadership, teamwork, and competitive excellence.