ANURAJ MADDHESHIYA

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Career Objective

Motivated Computer Science undergraduate with strong skills in **backend development and applied AI systems**, focused on building real-world solutions, contributing to open source, and continuously learning modern technologies.

Education

B.Tech in Computer Science| 2023 – Present| SGPA: 6.9
United College of Engineering & Research, Prayagraj

High School & Intermediate (Maths) | 2021 & 2023
Sant Atulanand Residential Academy, Varanasi (CBSE)
Scores: **91.2% / 71.6%**

Skills

Languages:	Python, C, C++, JavaScript
Frontend:	HTML5, CSS3, Bootstrap, React
Backend:	Django, FastAPI
Databases:	MySQL, SQLite3
Tools:	Git, GitHub, VS Code, Docker
Concepts:	REST APIs, DevOps (Basics), Prompt Engineering

Projects

RAG-Based AI Codebase Navigator | *Qwen2.5-3B, FastAPI, Python* | 2026
- Built a **RAG-based AI system** enabling natural-language queries over large multi-file codebases.
- Implemented **code chunking, embeddings, and context retrieval** optimized for **low-VRAM environments**.
- Optimized inference using a **quantized 3B LLM**, balancing token limits, accuracy, and performance.

AlertNexa – AI Disaster Management Platform | *FastAPI, HTML, CSS, JS* | 2025
- Developed a responsive UI and integrated it with a FastAPI backend to display **disaster predictions, emergency data, and maps**.
- Enabled real-time data rendering using JavaScript-based API integration.

E-Commerce Web Application | *Django, JavaScript*| 2024
- Built a full-stack platform with **secure authentication, email verification, and payment gateway integration**.
- Implemented inventory management, admin controls, and an **AJAX-based cart system**.

Experience

Full Stack Development Intern | UCER, Prayagraj | Aug 2023
- Developed backend modules using **Python and Django** and handled frontend–backend communication via **JSON APIs**.
- Worked with **SQL databases** and built responsive interfaces using HTML and Bootstrap.

Extra-Curricular Activities

- **Hacktoberfest 2024:** Merged **4+ pull requests**; earned all official event badges.
- **HackQuest 2025:** Presented the **AlertNexa** project at a college hackathon.
- **Smart India Hackathon (SIH) 2025:** College-level selection (**13th out of 90+ teams**); role: **Backend Developer**.
- **InnovateX 2025: Project Design & Planning Head**, leading ideation and system planning.