Gaurav Jain

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GitHub: github.com/Gaurav0405

LeetCode: leetcode.com/u/GauravJain0405

Career Objective

I am interested in building AI tools and software that are useful and simple. I want to solve real-world problems using coding, machine learning, and data science.

Technical Skills

Python, Java, SQL, C++,MySQL,Oracle SQL,Data preprocessing, model training and evaluation using real-world datasets; NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Git, Jupyter, VS Code, Streamlit, HTML, CSS, JavaScript, Node.js, React.js, PostgreSQL, GitHub, LeetCode (Solved 200 problems)

Certifications

- Microsoft Certified: Azure Data Fundamentals (DP-900), July 2024
- IBM Generative AI Foundations, July 2024
- Complete Data Science, Machine Learning, DL, NLP Bootcamp – Udemy, July 2025
- The Complete Full-Stack Web Development Bootcamp – Udemy, Feb 2025

Projects

- **AI Code Explainer** (Local)
  GitHub: https://github.com/Gaurav0405/ai-code-explainer-local
  - Built a web app using Streamlit to explain Python code in plain English using GPT-Neo model, fully offline after initial setup and helps students and beginners understand Python code easily
- **AI Resume Analyzer**
  GitHub: **https://github.com/Gaurav0405/AI_Resume_Analyzer**
  Built a Streamlit-based tool that uses NLP to parse resumes, extract and cluster keywords, and provide personalized recommendations, predictions, and resume analytics for applicants and recruiters.
- **Smart Traffic Management System**
  GitHub: https://github.com/Gaurav0405/Smart_Traffic_Management_System
  Designed a real-time traffic control system using sensors and automation to dynamically adjust signal timings and prioritize emergency vehicles. Includes data analytics dashboard for traffic flow insights and system performance.

Education

Vellore Institute of Technology, Bhopal
Bachelor of Technology in CSE (Specialization in Artificial Intelligence and Machine Learning)
Current CGPA: 9.28