Tanishq Saxena

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Professional Summary

Computer Science undergraduate skilled in Python, C++, and scalable software systems. Built ML pipelines, real-time dashboards, and RL agents. Solved 200+ LeetCode problems (Rating: 1531). Experienced in Git, CI/CD, and Agile workflows. Committed to building efficient, production-ready solutions.

Technical Skills

Languages: Python, C++, Java, C, SQL, HTML, CSS
Frameworks: Flask, TensorFlow, PyTorch, Streamlit, Pandas, Scikit-learn, Plotly,Pygame,Numpy, NLTK
Tools/Platform: Git,VS Code,Github,Jupyter Notebook,Postman Agent
AI/ML: ML, NLP, CI/CD, Deep Learning, Data Visualization, Reinforcement Learning
CS Fundamentals: DSA, OOP, OS, DBMS, Computer Networking, Statistics
Soft Skills: Analytical Thinking, Problem Solving, Communication, Team Collaboration, Adaptability, Time Management

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Education

Jaypee University of Engineering and Technology, Guna — 2022 – Present
B.Tech in Computer Science and Engineering

Ramakrishna Mission School, Gwalior — 2020 – 2022
The Woodstock School, Gwalior — 2009 – 2020

Projects

Amazon Sentiment Analysis — *Flask, NLP*
- Built sentiment classifier using TF-IDF and logistic regression.
- Deployed app with Flask and automated NLTK preprocessing.

GDP Dashboard — *Streamlit, Plotly*
- Visualized global indicators for 150+ countries.
- Automated data workflows; optimized UI responsiveness.

Self-Driving Car Simulator — *OpenAI Gym, RL*
- Trained agent using DQL and reward optimization.
- Achieved 45% boost in training efficiency.

Experience

Python Developer Intern — Octant (Remote) — May–Jul 2025
- Automated analytics reports, cutting manual work by 40%.
- Collaborated via Git in Agile sprints; authored unit tests.
- Streamlined CI/CD for production deployments.

Certifications & Achievements

- Smart India Hackathon 2023 – Finalist
- Data Science & ML Bootcamp – Built NLP apps
- 100 Days of Code – Python (Udemy)
- DSA in Python – Infosys Springboard

Extracurriculars

- Represented JUET in inter-university sports
- Led college tech and sports event coordination