

Tanishq Saxena

tanishq.saxena26@gmail.com

(+91) 6264616658

Gwalior, MP

[linkedin.com/in/tanishq-saxena-6b16ab252](https://www.linkedin.com/in/tanishq-saxena-6b16ab252)

github.com/tanishq234

leetcode.com/u/Tanishq45

Professional Summary

Goal-oriented Computer Science undergraduate with 3+ years of hands-on experience in Python, C++, and ML development. Spearheaded projects involving NLP, real-time dashboards, and RL agents. Participated in Smart India Hackathon 2023, enhancing collaborative development and problem-solving under real-world constraints. Solved 200+ LeetCode problems (Rating: 1531). Proficient in CI/CD pipelines, Git, and Agile practices.

Technical Skills

Languages: Python, C++, Java, C, SQL, HTML, CSS

Frameworks: Flask, TensorFlow, PyTorch, Streamlit, Pandas, Scikit-learn, Plotly, Pygame, Numpy, NLTK, Keras, tensorflow

Tools/Platform: Git, VS Code, GitHub, Jupyter Notebook, Postman

AI/ML: Machine Learning, NLP, CI/CD, Deep Learning, Data Visualization, Reinforcement Learning

CS Fundamentals: DSA, OOP, OS, DBMS, CN, Statistics

Soft Skills: Problem Solving, Teamwork, Communication, Time Management

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, ML

- Developed sentiment analysis pipeline using TF-IDF and logistic regression.
- Automated preprocessing using NLTK; deployed Flask-based web interface.

GDP Dashboard

Streamlit, Plotly, Pandas

- Created a data dashboard for GDP visualization across 150+ countries.
- Streamlined UI responsiveness and automated data ingestion pipelines.

Self-Driving Car Simulator

OpenAI Gym, RL

- Built and trained a Deep Q-Learning agent for autonomous navigation.
- Achieved a 45% improvement in training convergence time.

Experience

Python Developer Intern — Octant (Remote)

May–Jul 2025

- Automated analytics reporting workflows, reducing manual time by 40%.
- Executed unit testing and collaborated via Git in Agile sprints.
- Improved CI/CD pipelines for faster production deployment.

Certifications & Achievements

• **Smart India Hackathon 2023**

- Participated in national-level hackathon; gained experience in collaborative design and rapid prototyping.
- Strengthened skills in real-world problem-solving under time-constrained scenarios.

• Data Science & ML Bootcamp – Built NLP applications

• 100 Days of Code – Python (Udemy)

• DSA in Python – Infosys Springboard

Extracurriculars

- Represented JUET in inter-university sports events
- Led coordination for college-level tech and sports festivals