


Shivam Tiwari

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Objective

A final-year Computer Science student at the University of Mumbai with a strong foundation in machine learning and web development. Eager to apply my skills in Python, data analysis, and software development to a challenging internship or entry-level Data Science role.

Education

Bachelor of Engineering, Computer Science | University of Mumbai | 2021 - 2025
(Expected)

- **CGPA:** 8.9/10.0
- **Relevant Coursework:** Data Structures & Algorithms, Machine Learning, Database Management Systems, Natural Language Processing, Web Technologies.

Projects

Sentiment Analysis of Movie Reviews | *Personal Project* | 2024

- Developed a web application that classifies movie reviews as positive or negative using a **Logistic Regression** model trained on an IMDb dataset.
- Achieved **88% accuracy** by implementing **TF-IDF vectorization** for feature extraction and fine-tuning model hyperparameters.
- Built the user interface with **Flask** and deployed the application on **Heroku**.
- **Technologies Used:** Python, Scikit-learn, Pandas, Flask, HTML/CSS.

E-commerce Website Price Tracker | *Team Project* | 2023

- Collaborated in a team of three to build a Python script that scrapes product prices from popular e-commerce sites.
- Implemented a notification system using **SMTP** to email users when a tracked item's price drops below their desired threshold.
- Responsible for writing the web scraping module using **BeautifulSoup** and handling data storage in a **SQLite** database.
- **Technologies Used:** Python, BeautifulSoup, SQLite, Git.

Technical Skills

- **Languages:** Python, Java, SQL, C++
- **Libraries/Frameworks:** Scikit-learn, Pandas, NumPy, TensorFlow, Flask
- **Databases:** MySQL, SQLite, MongoDB
- **Tools:** Git, Docker, Jupyter Notebook, VS Code

Achievements & Extracurriculars

- **Winner**, CodeFest 2024 Hackathon, University of Mumbai
- **Core Committee Member**, University Tech Club (2023-2024)
- **Certified TensorFlow Developer** (2024)