

Parth Mittal

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Education

- **Vellore Institute of Technology** | B. Tech. in Computer Science Engineering | CGPA: 8.16 2022 - 2026
- **DAV Public School** | Higher Secondary Education | Percentage: 83.8% 2021 - 2022

Projects

Twitter Automation Bot — Flask, Twitter API, HTML/CSS

- Built a full-stack web app to automate tweet scheduling using Flask and the Twitter API.
- Implemented OAuth 1.0a login, file-based tweet input, and adjustable tweet intervals.
- Enabled users to connect accounts securely and automate content drops with zero manual effort.

News Veracity Classifier — Python, scikit-learn, NLP

- Developed a machine learning model to classify news articles as real or fake using TF-IDF and Logistic Regression.
- Achieved over 90% accuracy on test data using a Kaggle dataset with balanced classes.
- Integrated a Streamlit UI to allow real-time input and classification of news headlines.

Experience

Freelance Python Developer

Remote | Feb 2024 – Mar 2024

- Built and deployed a custom Discord bot using Python and discord.py to automate server tasks and manage community interactions.
 - Integrated command handling, role assignment, and message moderation features.
 - Delivered fully documented code and provided deployment support to the client.
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Languages: Python, C++, SQL

Technologies & Tools: Python, Flask, Streamlit, scikit-learn, HTML/CSS, Git, GitHub, Jupyter Notebook, REST APIs, OAuth, pandas, NumPy, VS Code

Certifications

[IBM Gen AI](#)
[Ethnus AWS Cloud Practitioner](#)
[Applied machine learning](#)
NPTEL Digital Privacy