

SWATI MANOJ PANDEY

Data Scientist | Machine Learning Engineering

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SUMMARY

I am an experienced Software Engineer with 3 years of expertise in Python development. I have honed my skills in designing, developing, and deploying scalable solutions for data analysis, automation, and web applications. I excel in fast-paced environments and am committed to delivering high-quality results.

EXPERIENCE

Software Engineer
Happiest Minds Technologies
08/2022 - 07/2025 | Noida, India

- A technology company focused on providing IT solutions and services.
- Architected and maintained robust Python-based data pipelines and analytics platforms.
 - Developed RESTful APIs with Flask and Django for scalable web and mobile solutions.
 - Worked on cross-functional teams in delivering high-impact software products.
 - Optimized ETL pipelines and automated reporting using pandas, NumPy, and SQL.
 - Participated in code reviews, process improvements, and Agile ceremonies.

PROJECTS

CSV Data Import & Analysis API – The Brand Group (TBG) Project

Developed a Django REST API to import and manage large CSV datasets with validation and MySQL integration. Designed efficient data visualization endpoints for analysis. Implemented ETL pipelines to clean, transform, and preprocess data, improving data quality and enhancing analytical insights.

Sales Forecasting API – Continental (Tire Industry)

Developed a Django REST API to support business planning by analyzing historical sales data and predicting profit, loss, and future trends. Integrated Pandas and NumPy for data preprocessing and cleaning, and implemented regression-based forecasting models using scikit-learn. Designed secure API endpoints to serve data and analytics to frontend dashboards, incorporating features like filtering, pagination, and authentication. Optimized performance for large datasets and ensured scalability using MySQL and background tasks with Celery.

Crypto Price Alert Bot

Developed a Telegram bot that provides real-time cryptocurrency price alerts by integrating with external APIs. Implemented Python automation scripts to fetch, process, and monitor price data, allowing users to set custom alerts. Ensured reliability with error handling, scheduled tasks, and secure API interactions, enhancing user engagement and decision-making.

EDUCATION

Higer School
School of Scholar
2016 - 2018 | Nagpur, India

Bachelor of Engineering
Priyadarshini College of Engineering
Aug 2018-July 2022
Nagpur, India



Date of Birth: 19 March 2000
Gender: Female
Location: Noida, India

LANGUAGES

English, Hindi

HOBBIES

Reading tech blogs
Playing team sports
Traveling

AWARDS

Awarded “Extra Miles Champion” award for exceptional ownership and delivery at **Happiest Minds** (2024)

SKILLS

- Python Django NumPy Pandas
- Seaborn Matplotlib SQL
- MYSQL Flask REST APIs Git
- Linux Jupyter Notebook
- Data Analysis Machine Learning
- ETL Docker Unit Testing
- Fast API

Certification

- Python development Certification
- Deep Learning in Python Training Certification
- Machine Learning Training Certification