SWATI SUCHARITA SAMANTARAY

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Github Profile | Linkedin Profile

Bhopal, Madhya Pradesh

EDUCATION

VIT Bhopal University Bhopal, Madhya Pradesh **BTech** Computer Science Engineering (**AI** and **ML**)	Cumulative GPA – **9.04**/10	2022 – 2026
Kendriya Vidyalaya No.3 Jalandhar, Punjab **12th** standard CBSE	Cumulative % – **93%**	2021 – 2022
Kendriya Vidyalaya No.3 Jalandhar, Punjab **10th** standard CBSE	Cumulative % – **93.8%**	2019 – 2020

PROJECTS

Trade Recommender

Tech–Stack: Python, VS Code, Github, MYSQL, FLASK, Scikit, Textblob, keras, numpy, pandas, nltk, tweepy

- UDFs for Machine Learning Algorithms(ARIMA, Linear Regression, LSTM) for Forecasting Stock prices
- API endpoint for Twitter and Sentement analysis using NLP
- ETL for Stocks prices API endpoints of Yfinance and database MYSQL for storing the predicted results.
- Collaborated with team following a Weekly Scrum method.

RBI PSI Scraper

Tech–Stack: Python, MySQL, Task Schedular, Beautiful soup, pandas, Git

- Web Scraping on Reserve Bank of India website to fetch open documents for payments & transactions
- Python scripts for Data cleaning and process ETLs from website into MYSQL tables
- Analytics on top of database with some template queries for number of variety of cards & transactions.
- Task schedular for Automations of Python scripts for Scraping and processing files on monthly basis.

SKILLS

TECHNICAL SKILLS:

- Python
- SQL
- Excel
- Java
- Pandas, Numpy, Plotly

- Machine Learning
- Data Structures Algorithms
- Scrum Methodology
- GIT
- Keras, NLTK, Scikit

SOFT SKILLS:

- Effective Communication: Well spoken and written English skills for conveying technical concepts clearly.
- Analytical Thinking: Strong logical and analytical skills for systematic problem-solving.
- Accountability: Reliable and responsible, capable of managing multiple priorities and meeting deadlines.
- Adaptability: Flexible and able to make timely, independent decisions in a fast-paced, results-driven environment.
- Team Collaboration: Strong interpersonal skills to collaborate effectively with team members and contribute to a positive work environment.

Languages known: English, Hindi, Odia

CERTIFICATIONS & TRAINING

- Applied Machine Learning in Python(Coursera)
- 5 star Python coder on HackerRank
- 5 star SQL coder on HackerRank
- SQL (Intermediate) by HackerRank

EXTRA CURRICULAR

Odia Club , VIT Bhopal   2024 – 2025

- **Vice President** of the club
- Organized Saraswati Pooja event as the Student coordinator for **1500+** students

Anti Ragging Committee , VIT Bhopal   2024 – 2025

- Member of the committee
- Actively participated in creating and implementing anti ragging policies
- Assisted in addressing and resolving ragging complaints.