

Tushar Lawande

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Summary

- I'm a Data Scientist with deep expertise in Python and R, specializing in turning complex data into clear insights. I excel at using advanced statistical analysis and machine learning to help businesses make informed decisions and achieve their goals.

Technical Skills

Languages: Python, R, SQL, C++, Java

Tools: Numpy, Pandas, Matplotlib, Seaborn, Statistics, yfinance, Excel, Tableau, Power BI, Git, Time Series, Generative AI, Neural Networks, Chrome WebDriver, Jupyter Notebook, PyQt5, VTK, PyVista, Pytorch, PIL

ML/AI: TensorFlow, Hadoop, PyTorch, Tweepy, Plotly, Scikit-learn, NLP, Deep Learning, GCP, LLM, CV, GPU

Soft Skills: Strong Leadership, Effective Communication, Critical Problem-Solving, Collaborative Teamwork, Adaptability

Experience

Python Developer

Mar 2025 – Present

Mounarch Tech Solutions and Systems Pvt.Ltd

- Built real-time 3D point cloud visualization platform delivering sub-mm precision measurements via interactive GUI. Engineered pipelines processing multi-GB datasets at greater than 60 FPS with modular, production-grade code to boost team velocity and scalability.

Data Science Intern

May 2024 – June 2024

CodSoft

- Executed data analysis and visualization for key projects, achieving 95%+ accuracy in the Cat and Dog Image Classifier, 85% in Titanic Survival Prediction, 96% in SMS Spam Detection, significantly boosting model performance and user experience.

Projects

Advanced Amazon Stock Price Forecasting with Random Forest Regressor, [Link](#) - [GitHub](#)

Jan 2024 – Feb 2024

- Developed a high-accuracy stock price forecasting model with Random Forest Regressor, achieving a 0.94 R² score through advanced feature engineering and validation.
- **Skills:** Machine Learning, Random Forest, Feature Engineering, Python, Pandas, NumPy, Scikit-learn

Bitcoin Price Analysis, [Link](#) - [GitHub](#)

Feb 2024 – Mar 2024

- Analyzed historical Bitcoin price data to uncover trends and patterns, and visualized findings using advanced plotting techniques.
- **Skills:** Data Analysis, Data Visualization, Python, Matplotlib, Pandas, Quandl API, Plotly

Amazon Prime Video Scraping, [Link](#) - [GitHub](#)

Mar 2024 – Apr 2024

- Developed a web scraping tool to collect and analyze data from Amazon Prime Video, generating insights into viewing trends and content popularity.
- **Skills:** Web Scraping, Data Collection, Python, Pandas, Selenium, BeautifulSoup

Twitter Sentiment Analysis, [Link](#) - [GitHub](#)

Apr 2024 – May 2024

- Conducted sentiment analysis on Twitter data to gauge public opinion on various topics, leveraging NLP techniques to process and analyze text data, Accuracy 0.8.
- **Skills:** Sentiment Analysis, NLP, Python, SpaCy, Tweepy, NLTK, Matplotlib

[Full Projects](#), [Link](#) - [GitHub](#)

Education

Chandigarh University, Punjab

MCA (AI/ML), CGPA: 6.49(Grade B)

Post Graduated: 2025

Smt. G.G. Khadse College, Muktinagar

B.Sc (Computer Science), Grade: 9.09 (Grade A)

Graduated: 2023

Certifications

Python, [Link](#) - [Certificate](#)

Sep 2023

- Coursera (3 months, 10 hours/week)

IBM Data Science, [Link](#) - [Certificate](#)

Aug 2024

- Coursera (6 months, 10 hours/week)