Saurabh Vishwakarma

Chandigarh, India
+91-9695877472 vishwakarmasaurabh2004@gmail.com Saurabh Saurabh-004 Portfolio

Objective

Aspiring **Machine Learning Intern** passionate about applying data-driven insights and developing intelligent models that create real-world impact. Eager to contribute by leveraging strong analytical, technical, and collaboration skills to build and optimize ML solutions.

Education

Chandigarh University *Aug 2023 – Jul 2026*
BCA – CGPA: 8.03 Mohali, India

IIT Madras *Aug 2023 – Jul 2027*
BS in Data Science and Applications – CGPA: 7.2 Online

Projects

AI-Powered Stock Market App — *FastAPI, Python, LSTM, MLflow, HTML/CSS/JS* *Ongoing*

- Developed a full-stack ML app to forecast stock trends using **LSTM networks** with FastAPI-based APIs.
- Integrated **MLflow** for experiment tracking and version control; designed an interactive dashboard for real-time predictions.
- Focused on model optimization, risk analysis, and visual analytics for portfolio insights.

House Price Prediction Web App — *Flask, Python, Scikit-Learn, HTML/CSS/JS* *Jan 2025*

- Implemented regression models (**Linear, Ridge, Lasso**) with advanced feature engineering.
- Deployed app on **Render** with user-friendly UI; visualized predictions using Matplotlib.

Celebrity Image Classification — *Python, MediaPipe, SVM* *Apr 2025*

- Built a facial recognition pipeline using **MediaPipe** for landmark detection and Wavelet Transform for feature extraction.
- Trained an **SVM classifier** achieving high accuracy in celebrity identification.

Technical Skills

Programming: Python, C, C++, HTML, CSS, JavaScript
Libraries/Frameworks: NumPy, Pandas, Matplotlib, Scikit-Learn, TensorFlow, PyTorch
Tools: Git, GitHub, MLflow, Linux
Core Areas: Machine Learning, Deep Learning, Data Preprocessing, Feature Engineering, Model Evaluation
Soft Skills: Analytical Thinking, Problem-Solving, Teamwork, Communication, Adaptability

Certifications

- **Foundation in Data Science** – IIT Madras
- **Advanced Python** – Coursera
- **Generative AI** – Coursera