SAURABH VISHWAKARMA

Chandigarh, India

📞 +91-9695877472 ✉ vishwakarmasaurabh2004@gmail.com in Saurabh ⌂ Saurabh-004 📊 Portfolio

EDUCATION

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

IIT Madras   **Aug 2023 – Jul 2027**
*BS Data Science and Application - **CGPA** - **7.2***   *Online*

Saraswati Sr. Sec. Vidya mandir, Deoria   **Apr 2022 – Jul 2023**
*Senior Secondary (Science - PCM) - CBSE - **Percentage** - **86%***   *UP, India*

Saraswati Sr. Sec. Vidya Mandir, Deoria   **Apr 2020 – Ju 2021**
*High School - CBSE - **Percentage** - **87%***   *U.P., India*

PROJECTS

AI-Powered Stock Market App | FastAPI, Python, LSTM, MLflow, HTML/CSS/JS   **Ongoing**
– Developing a full-stack AI app to forecast stock trends using LSTM networks; built using FastAPI for backend APIs and integrated MLflow for tracking experiments and model versions.
– Designing an interactive dashboard using HTML/CSS/JS and chart libraries for real-time visualizations of model predictions and portfolio insights.

House Price Prediction | Flask, Python, HTML/CSS/JS, Scikit-Learn ↗*   **Jan 2025**
– Built and deployed a regression-based web application for predicting house prices using Linear, Ridge, and Lasso models with feature engineering.
– Created a user-friendly UI and deployed the app on Render; visualized predictions using Matplotlib for better insights.

Celebrity Image Classification | Python, MediaPipe, SVM   **Apr 2025**
– Implemented a facial recognition pipeline using MediaPipe for facial landmark detection and Wavelet Transform for feature extraction.
– Trained an SVM classifier on extracted features to accurately predict celebrity identities, achieving high precision on test data.

SKILLS AND INTERESTS

Programming Languages: Python, C, C++, HTML, CSS, JavaScript
Libraries/Frameworks: NumPy, Pandas, Matplotlib, Scikit-Learn, TensorFlow
Tools and Platforms: Git, GitHub, MLflow, Linux
Core Skills: Machine Learning, Deep Learning, Data Analysis, Regression Modeling, CNNs, Data Visualization
Soft Skills: Problem Solving, Self-Learning, Adaptability, Team Collaboration
Interests: Artificial Intelligence, Data Science, Computer Vision, Optimization Techniques

AWARDS AND ACHIEVEMENTS

– Secured **3rd position** in Chess Championship at Chandigarh University (Institute Level), demonstrating strategic thinking and teamwork.
– Performed as a **Lead Singer** in University Cultural Events, showcasing leadership and creative collaboration through Band Singing performances.