

SAURABH VISHWAKARMA

Chandigarh, India

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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 BCA – CGPA: 8.03	<i>Aug 2023 – Jul 2026</i> Mohali, India
IIT Madras BS in Data Science and Applications – CGPA: 7.2	<i>Aug 2023 – Jul 2027</i> Online

PROJECTS

AI-Powered Stock Market App — <i>FastAPI, Python, LSTM, MLflow, HTML/CSS/JS</i>	<i>Ongoing</i>
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- 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 — <i>Flask, Python, Scikit-Learn, HTML/CSS/JS</i>	<i>Jan 2025</i>
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- 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 — <i>Python, MediaPipe, EfficientNet</i>	<i>Apr 2025</i>
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- Built a facial recognition pipeline using **MediaPipe** for landmark detection and **EfficientNet** for feature Extraction and Classification.

TECHNICAL SKILLS

Programming: Python, C, C++, HTML, CSS, JavaScript

Libraries/Frameworks: NumPy, Pandas, Matplotlib, Scikit-Learn, TensorFlow, Spacy, NLTK, Gensim

Tools: Git, GitHub, 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