PRATYUSH CHAUBEY

Machine learning engineer

Contact

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Education

12th from UP Board
JSSSIC Uttar Pradesh 2019 - 2021

Bachelor of Computer Application
CCSU University 2021 - 2024

Master of Computer Application
Galgotias University 2024- 2026

Social Network

https://pratyush72.github.io/portfolio/

https://www.linkedin.com/in/pratyush-chaubey-8ab289188/

https://leetcode.com/u/Pratyush72/

About Me

Aspiring Machine Learning Engineer with strong Python skills and practical experience in developing ML models and backend systems. Passionate about applying machine learning to real-world problems through clean, efficient code.

Project

Car Price Prediction
- Developed a regression model to predict car prices using scikit-learn and pandas.
- Techniques: Feature engineering, Linear Regression, Random Forest, GridSearchCV.
- Achieved high accuracy and deployed using Django.

Fake News Detection using Multi-modal Learning
- Used TF-IDF, BERT, and LSTM for NLP processing.
- Integrated CNN for extracting image features and fused text-image data for better predictions.
- Tools: TensorFlow, Keras, Hugging Face, OpenCV.

Educational Website
- Full-stack site for course content delivery using Flask (backend), HTML/CSS/JS (frontend).
- User login, admin panel, and course video uploads integrated.
- Database: SQLite/MySQL.

Personal Mall Website
- Created a dynamic e-commerce mall-style interface.
- Features: cart, product details, checkout with backend logic.

Dairy Website
- Built a dairy inventory and order management site with Django.
- Included product listing, order history, user authentication.

Skills

- Python
- Data Structure
- Machine Learning - Supervised/Unsupervised Learning, Regression, Classification, Model Evaluation, Data Preprocessing, Feature Engineering.
- Libraries & Frameworks: NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn, TensorFlow, Keras, PyTorch.
- Computer Vision: OpenCV, CNN-based feature extraction
- Web Development: Flask, Django, REST APIs
- Databases: SQLite, MySQL
- Tools & Platforms: Git, GitHub, Jupyter Notebook, VS Code, Google Collab