PRATIK CHAVAN

Gmail: cpratik401@gmail.com | Phone: +91-9403511540 | LinkedIn: /iampratikx | GitHub: /iampratikx

OBJECTIVE

Motivated learner with a strong interest in AI and Machine Learning, aiming to build data-driven solutions using Python and ML techniques, while continuously enhancing problem-solving, analytical skills and Data Structure Algorithm.

SKILLS

Programming Languages: C++, Python
Tools: Git, GitHub, Docker
Core CS Skills: Data Structures Algorithms, OOP
Data Visualization: Matplotlib, Seaborn
Libraries: NumPy, Pandas, Scikit-Learn
Soft Skills: Active Listening, Adaptability, Problem-Solving.

PROJECTS

Movie Recommendation System | *Python, Pandas, Scikit-learn* | ◯ GitHub | Live
- Built a content-based movie recommendation system using TF-IDF vectorization and cosine similarity.
- Recommended top 5 similar movies based on user-selected input by analyzing genres and overview text.
- Processed and cleaned large datasets to ensure accurate and fast recommendations.

Car Price Prediction | *Python, Pandas, Scikit-learn, Matplotlib* | ◯ GitHub
- Analyzed key factors affecting car prices using exploratory data analysis (EDA).
- Preprocessed data using encoding, scaling, and feature selection techniques.
- Trained machine learning models and evaluated them using R^2 score and MAE.

TRAININGS

AI-Data Science Trainee   Nov 2025-(Present)
AU-Ignite   *Jaipur, Rajasthan, India*
- Hands-on training in Python, Data Analysis, and Exploratory Data Analysis (EDA).
- Experience with Pandas, NumPy, Matplotlib, Seaborn, and Scikit-learn.
- Working knowledge of machine learning algorithms including regression, classification, and clustering.
- Exposure to feature engineering, model evaluation, and real-world datasets.

Artificial Intelligence and Machine Learning Intern   July 2024 – Sept 2024
Upflairs - (College Recruitment Training)   *Jaipur, Rajasthan, India*
- Trained and evaluated supervised ML models on real-world datasets for classification and regression.
- Performed data cleaning, feature engineering, and model evaluation using accuracy and confusion matrix.
- Visualized and compared model performance across algorithms (e.g., Decision Tree vs. Random Forest).
- Developed reusable scripts for data preprocessing and model evaluation to improve workflow efficiency.

Summer Internship Program in Robotics   Aug 2023
Learn and Build   *Jaipur, Rajasthan, India*
- Designed a self-balancing robotic vehicle capable of maintaining stability using sensors and control algorithms.
- Built an autonomous Line Follower Bot using IR sensors and motor control.
- Gained hands-on experience with embedded systems, microcontrollers, and real-time debugging

EDUCATION

Bachlore of Technology - Artificial Intelligence and Data Science   2022 - 2026 (Expected)
Rajasthan Technical University, Kota.

CERTIFICATIONS

- **C** & **C++** Certification – IIT Bombay Spoken Tutorial
- **Python** Certification – IIT Bombay Spoken Tutorial
- Complete **Data Science, ML, DL, and NLP** Course by Krish Naik – Udemy