KRISHIL AGRAWAL

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Education

Charusat University of Gujarat, India	**2023 - 2027**

- Computer Science & Engineering | CGPA: 9.29

Shannen School, India	**2022 - 2023**

- *Class XII,Percentile: 98.02*
- *GUJCET: 97.71*

Shannen School, India	**2020 - 2021**

- *Class X,Percentage: 98.35*

Skills

- **Languages:** Python, C++, Java (Basics)
- **Machine Learning**: Supervised & Unsupervised Learning, Regression, Classification, Feature Engineering
- **Data Science Tools**: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Jupyter Notebook
- **Databases:** MongoDB, MySQL
- **Tools & Platforms:** Git, GitHub, VS Code, Postman, Figma
- **Soft Skills**: Problem-Solving, Team Collaboration, Analytical Thinking, Time Management

Projects

Fraud Detection Model Using Machine Learning

- Developed a supervised learning model to detect fraudulent transactions using Python, Pandas, and Scikit-learn.
- Preprocessed and analyzed a dataset of 10,000+ transactions, applying feature engineering techniques to improve model accuracy.
- Implemented Random Forest and Logistic Regression algorithms, achieving an accuracy of 92% and reducing false positives by 15%.
- Tools: Python, Jupyter Notebook, Matplotlib, NumPy

Movie Rating Analysis

- Built a project to analyze movie ratings from a small dataset using Python and Pandas.
- Calculated average ratings and identified top-rated movies with basic statistical methods.
- Created bar charts to display results and practiced data manipulation skills.
- Tools: Python, Pandas, Matplotlib

House Price Prediction Using Linear Regression

- Developed a simple linear regression model to predict house prices based on features like area and number of rooms.
- Used a sample dataset to train the model and visualized the results with scatter plots.
- Improved understanding of regression techniques and data preprocessing.
- Tools: Python, Pandas, Matplotlib, Scikit-learn

Academic and Extracurricular Achievements

- Selected for Indus Valley Hackathon 2024, showcasing innovation and teamwork.
- Ranked in Top 3 academically in two semesters at CHARUSAT University.
- Secured 98th percentile and topped the batch in both 10th and 12th board examinations.
- Volunteer in organizing tech workshops for peers.
- Active participant in university coding clubs and hackathons.