AYUSH KUMAR

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https://github.com/ayushverse

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https://ayushverse.github.io/portfolio/

SKILLS

- **Java, C++**
- **HTML, CSS, JavaScript, ReactJs, three.js, GSAP**
- **Python (Pandas, NumPy, Scikit-learn, Seaborn)**

EDUCATION

- Computer Science Engineering (Data Science) | Manipal University Jaipur
  *CGPA**: 5.76 (Till 4th Sem)*

- XII (CBSE) | DAV Public School, Hehal   *84.6%| 2023*

ACADEMIC PROJECTS

- **Credit Card Fraud Detection Using Machine Learning Models:**

  Developed a credit card fraud detection system using machine learning techniques in Python. Processed a large transactional dataset by handling missing values, encoding categorical features with Label Encoder, and addressing class imbalance using Random Under Sampling from imblearn. Trained a Random Forest Classifier to distinguish between fraudulent and legitimate transactions, achieving approximately **96–98% accuracy** on a resampled dataset. Extracted feature importances for model interpretability and improved performance by removing irrelevant attributes. Tools and libraries used include Pandas, Scikit-learn, Imbalanced-learn, and Matplotlib.

- **Space-Themed Planet Website : https://ayushverse.github.io/planets/**

  Designed and developed an interactive, visually engaging website that showcases planets in a space-themed layout. Implemented using **HTML, CSS, JavaScript, and GSAP** for smooth animations and transitions. The homepage introduces users to the solar system, while individual planet pages provide detailed descriptions, visuals, and custom animations. Emphasized responsive design for mobile compatibility and maintained clean, semantic code for scalability. This project demonstrates creative web development skills and an eye for user-centric design.