Diya Upreti

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SKILLS

Languages: C++, Python, C, Java, react, node, mern
Tools: VS code, Excel, Power BI, Pandas, NumPy
Soft Skills: Problem-Solving, Team Player, Communication, Adaptability

PROJECTS

Machine learning models **Github** May' 25

- **Developed end-to-end machine learning models** including Linear, Polynomial, Logistic Regression, and KNN for predictive analysis.
- Conducted **data preprocessing, feature scaling, train-test splitting**, and applied **performance metrics** such as RMSE, R^2, and accuracy.
- Generated clear **visualizations and comparative reports** to interpret model effectiveness.

AI video editing platform **Github** Aug'25

- Developed a **template-based automated video creation platform**, enabling users to generate polished videos without manual editing.
- Implemented features such as **media upload, text-to-video automation, template selection, and instant rendering** to enhance user experience.

A Personal Portfolio Website | **Github** May'24

- Designed and developed a fully responsive personal portfolio website using HTML and CSS to highlight my skills, projects, and achievements. Implemented clean layout structures, reusable components, and optimized styling for a professional and user-friendly interface.

A Clothing Website **Wix**

- **Created a visually appealing and user-friendly online store** with optimized navigation, branding, and custom design elements.

TRAINING

Cipher Schools (Edtech Company) **Link** Jun' 23 – Jul' 23
Data Science using Python

- Performed Exploratory Data Analysis using NumPy and Pandas, leading to a 20% reduction in data preprocessing time.
- Developed, trained, and evaluated various Machine Learning models, including Linear Regression, KNN, and multiple regression, K-Means, and Ensemble Methods using Scikit-learn, achieving an average accuracy improvement of 15%.
- Employed feature engineering techniques to enhance model performance by 25% for predictive analysis.

ACHIEVEMENTS.

- **GeekforGeeks Tech Competition:** Successfully developed an innovative AI solution in a 48-hour coding challenge.
- **University Hackathons:** Participated in multiple university-wide hackathons, presenting web and data projects.
- **Multicultural Leadership:** Originally from Nepal, successfully adapted to international academic standards in India.

CERTIFICATES

- Introduction to Hardware and Operating Systems | Coursera | Link Aug'24
- Introduction To HTML-5 | Coursera | Link mar'23
- ChatGPT-4 Prompt Engineering: ChatGPT, Generative AI & LLM | Infosys | Link Aug'25
- Build Generative AI Apps and Solutions with No-Code Tools | Udemy | Link Aug'25

EDUCATION

- **Lovely Professional University** Phagwara, Punjab
  Bachelor of Technology Aug' 23 – Present
  Computer Science and Engineering; CGPA: 6.25
- **Nobel Academy** Baneswor,Nepal
  Intermediate: Percentage: 83% Mar' 20 – May' 22

- **Modern Boarding Higher Sec School** Bhaktapur,Nepal
  Matriculation: Percentage: 90% Mar' 10 – May' 20