Isha Shrestha

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PROFILE

A highly motivated and detail-oriented individual with excellent communication and interpersonal skills. Known for a strong sense of responsibility and consistently meeting deadlines in both individual and team contexts. Eager to learn and gain experience in professional setting.

EDUCATION

High School August 2019
St.Mary's Secondary School, Lalitpur

Bachelor of Computer Engineering 2019 - 2024
Kathmandu Engineering College, Kalimati, Kathmandu

SKILLS

- C/C++
- Python
- HTML/CSS
- Django
- MySQL
- PostgreSQL
- Machine Learning
- Scikit-learn
- Git

PROJECTS

Student Portal - Django, PostgreSQL

- Implemented a robust, efficient and interactive web application using Django and PostgreSQL to gather and organize course-related materials such as lecture notes, textbooks, and study guides, making them readily available in one centralized platform.
- Incorporated feedback mechanisms for users to suggest improvements and request additional resources, ensuring continuous enhancement of the platform.

Nepali News Classifier - Python, Machine Learning(ML), BERT, PostgreSQL

- Developed a Nepali news classifier project aimed at categorizing news articles into 13 predefined categories and implemented it into a website.
- Explored the efficiency of various machine learning (ML) models for news classification.
- Finally implemented BERT (Bidirectional Encoder Representations from Transformers) due to its superior performance**.**

Credit Score Model

- Developed a predictive model to assess the creditworthiness of customers based on their financial history and other relevant factors.
- Implemented various machine learning algorithms including logistic regression, decision trees, random forest, and gradient boosting.
- Evaluated models using metrics such as accuracy, precision, and recall to assess predictive accuracy and robustness.