Priti Paudel Jaisi

Gongabu, Kathmandu

✉ preetipaudel456@gmail.com in Priti Paudel Jaisi ○ Pritipaudel

EDUCATION

Bachelor in Computer Science and Information Technology November 2022 - December 2026
Padmakanya Multiple Campus, Tribhuvan University ⎘ *Bagbazaar, Nepal*

High School October 2020 - May 2022
Capital Collage Research Center *Kathmandu, Nepal*

PROJECTS

Eco-Guard ⎘
- web-based AI-powered air quality monitoring platform designed to provide real-time air quality data, predictive analytics, and personalized recommendations through Machine Learning. https://github.com/Pritipaudel/Eco-Guard
- Tech-stack used: React, Node.js, Express, MongoDB, TensorFlow/Keras for LSTM models, Flask (for Python integration), dotenv, and more.

Face Recognition
- Developed a face recognition software using a Convolutional Neural Network (CNN) model for accurate face detection and authentication.
- The model was trained on a dataset "VGG_face2" which contains 9,000 + identities,3.3 million + faces and 362 per-subject samples.

RELEVANT TECHNICAL SKILLS

Programming: Python, C, C++, Javascript

ML Frameworks: Numpy, Pandas,Matplotlib, Seaborn

Databases: Django, SQL

INVOLVEMENTS

Women Leaders in Technology ⎘ October 2024 - present
Fellow *Kathmandu, Nepal*
- One of 15 selected female students to be awarded the six-months fellowship in the 2024 cohort
- Two-week workshop on Node Js, MongoDB, and soft skills, followed by a hackathon project

Microsoft Learn Student Ambassador ⎘ October 2024 - present
Beta MLSA *Kathmandu, Nepal*
- Selected as a Beta MLSA, showcasing leadership potential and technical expertise.
- Organized interactive workshops on GitHub, helping students in version control and collaborative coding.

MBMC Ideax ⎘ 27 Septemter 2024 - 29 September 2024
Participant *Kathmandu, Nepal*
- Participated in MBMC IDEAX, a competitive hackathon, showcasing innovation and technical expertise.
- Developed and presented creative solutions to real-world challenges in a high-pressure environment.

REFERENCES

Kanchan Poudel
Research assistant, *Nepal Applied Mathematics and Informatics Institute for research (NAAMII), Nepal*
✉ kanchan.poudel@naamii.org.np

Ramesh Singh Saud
Program Cordinator CSIT/BIT, *Padmakanya Multiple Campus, Tribhuvan University, Nepal*
✉ ramesh.saud@pkmc.tu.edu.np