Subash Katwal

Aspiring AI/ML Professional

✉ subashkatwal112@gmail.com   📞 9749459199   📍 Kathmandu   🔗 Portfolio   ⌂ GitHub

Professional Summary

Detail-oriented BSc.CSIT student with hands-on experience in Machine Learning, Deep Learning, and Data Analysis. Proficient in Python, Scikit-learn, Pandas, and Agentic AI. Passionate about applying AI/ML to real-world problems and contributing to intelligent system development.

Skills

Programming
Python, PHP, SQL

Backend Development
Django, Flask

Web & Frontend (Additional Skills)
React.js, HTML, CSS, PHP

Machine Learning & AI
Machine Learning, Deep Learning (CNN, RNN, Transformers), Scikit-learn Agentic AI, Natural Language Processing (NLP)

Data Analysis & Visualization
Pandas, NumPy, Matplotlib

Projects

BookMood, *Book Recommendation System*   09/2025 – 09/2025
- Built a machine learning-based book recommender using Python, Scikit-learn, and Pandas.
- Developed a full-stack web app with Django backend and React frontend for real-time recommendations. Achieved 85% accuracy in book recommendation predictions

Nepal Travel Assistant, *AI-Powered Web App* ⧉   07/2025 – Present
- Developed an AI-powered Django web app for travel destination recommendations and trip cost estimation.
- Applied machine learning models using Python, Scikit-learn, and Pandas for personalized suggestions.

LangGraph, *AI Agent Workflows* ⧉   10/2025 – Present
- Built graph-based workflows to explore how intelligent agents can act and make decisions.
- Created Jupyter notebooks to showcase agent logic and tool integration.

Education

Bachelor of Science in Computer Science and Information Technology (BSc.CSIT), *Tribhuvan University – New Summit College*

01/2023 – Present
Shantinagar, Kathmandu

Certificates

- Data Mining for Data Science ⧉
- Transformer Models and BERT Model ⧉
- Introduction to Artificial Intelligence (2023) ⧉