

# Subash Katwal

AI/ML Developer Intern

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 LinkedIn

## Professional Summary

BSc CSIT student experienced in Machine Learning, Deep Learning, and Data Analysis. Skilled in Python, Scikit-learn, TensorFlow, Keras, NLP, and Recommendation Systems. Built AI-powered applications and personalized recommendation systems to solve real-world problems.

## Skills

### Programming & Data Analysis

Python, SQL, Pandas, NumPy

### Data Visualization

Matplotlib

### Machine Learning & AI

Machine Learning, Deep Learning (CNN, RNN, Transformers), Scikit-learn, TensorFlow, Keras, NLP, Agentic AI

### Backend Development

Django, Flask

## Projects

### BookMood, Book Recommendation System

07/2025 – 09/2025

- Built a machine learning-based book recommender using Python, Scikit-learn, and Pandas.
- Achieved 85% recommendation accuracy, enhancing user reading engagement.

### Nepal Travel Assistant, AI-Powered Web App

08/2025 – 09/2025

- Developed an AI-powered Django web app for travel destination recommendations and trip cost estimation.
- Improved travel cost estimation accuracy by 15% using predictive modeling.

### LangGraph, AI Agent Workflows

09/2025 – 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 
- Introduction to Artificial Intelligence (2023) 