

Santosh Chapagain

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Aspiring AI/MI Engineer

EDUCATION

Far Western University

Chitwan , Nepal

Bachelor of Computer Science and Information Technology

2014 – 2018

- Among the top 5% of the batch
- Relevant coursework in [Relevant Subjects]: Data Science, AI/MI]

SKILLS

Technical: C , C++ , Python , SQL , EDA , Data Visualization , ML , DL ,Gen AI

Tools: Scikit-Learn , Tensorflow , Git , Langchain

CERTIFICATIONS

- OCI Data Science Professional – Oct 25 ,2025 (<https://surl.li/mudenb>)
- Associate Data Scientist – Nov-10 ,2025 (<https://www.datacamp.com/certificate/DSA0012096608834>)
- *Ultimate Job Ready Data Science Course* (codewithharry.com)

PROJECTS

Youtube AI Chatbot

- Extract video transcript using Youtube API , automatically detect and translate non-english language
- Python, Flask, LangChain, Ollama (LLaMA 3.2), HuggingFace embeddings & translation, FAISS, YouTube Transcript API
- Ask anything about provided video .

House Price Prediction

- Clean data , perform EDA , perform feature engineering and perform hyperparameter tuning using different algorithm.
- Convert into webapp to get better user experience .

Email Assistant Bot

- **AI-powered email bot using LangChain + LLaMA 3 (Ollama) that can think, improve, and send emails like a human.**
- **Python, Flask, LangChain, SQLite , LLaMA 3, Ollama , HTML , CSS , JS**