Hari Narayan Sah

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🔗 LinkedIn | GitHub | Portfolio

Professional Summary

Motivated Data Science and AI professional with strong foundations in Machine Learning, Deep Learning, and Generative AI. Skilled in Python and modern AI frameworks with hands-on experience in predictive modeling, chatbots, and sentiment analysis. Currently working as a Data Science Intern, seeking to leverage technical expertise and problem-solving skills to grow into an AI Engineer role.

Skills

Programming: Python, C++, C
Machine Learning: Scikit-Learn (Regression, Classification, Decision Trees, Random Forests, SVM, KNN), XGBoost
Deep Learning: PyTorch, TensorFlow, Keras (ANN, CNN, RNN), Transformers
Generative AI: LLMs, LangChain, LangGraph, Hugging Face, LLaMA, Groq, RAG, Vector Databases (Pinecone, Chroma)
Data Visualization: Power BI, Matplotlib, Seaborn
Databases: SQL, MongoDB, PineconeDB, ChromaDB
Tools & Platforms: Git, GitHub, Linux, Docker, FastAPI, Jupyter Notebook, VS Code, Google Colab, Cursor

Experience

Data Science Intern | Mindrisers Institute of Technology, Kathmandu | Oct 2025 – **Present**
• Developed generative AI solutions using LLaMA and LangChain to enhance chatbot performance.
• Built and optimized ML models for customer churn prediction and sentiment analysis.
• Collaborated with a team of engineers on deploying AI-powered applications.

Projects

Customer Churn Predictor: Link
Built an ANN-based churn prediction model using TensorFlow & Scikit-Learn, achieving 85% accuracy on test data.
Medical Chatbot: Link
Developed a Generative AI chatbot trained on medical encyclopedia data using LLaMA2, LangChain, HuggingFace.
Stock News Sentiment Analysis: Applied FinBERT and LLM-based translation for sentiment classification of financial news.

Education

Diploma in Computer Engineering – Adarsha Secondary School, Biratnagar (2020 – 2024)
Data Science with Python Certification – Mindrisers Institute of Technology,
Kathmandu (Sep 2024 – Jan 2025): Credential Link
Diploma in Graphic Designing – New BIIT Institute, Biratnagar (Jan 2023 – Apr 2023)

Languages

Maithili (Native) | Nepali (Fluent) | Hindi (Fluent) | English (Intermediate)

References

Available upon request.