

Bibek Poudel

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PROFESSIONAL SUMMARY

I'm Bibek Poudel, a tech enthusiast and CS student passionate about building impactful AI products, with strong expertise in web development.

SKILLS

Machine learning & deep learning: Scikit-Learn, TensorFlow, PyTorch, Keras

Data science & Analysis: Numpy, Pandas, Matplotlib, Seaborn

Web Development: HTML, CSS, Tailwind CSS, JavaScript, React, Express.js, Node.js, MongoDB, SQL, Next.js

Programming & Tools: Git, GitHub, Jupyter Notebook, Google Colab

EDUCATION

Birendra Multiple Campus

2022 - Current

Bachelor of Science in Computer Science and Information Technology (BSc.CSIT)

Relevant Courses: C, OOPS, AI, Web Technologies, Net-Centric Computing, Data Structures & Algorithms, Database Management Systems, Software Engineering

Notre Dame Secondary School

2018-2020

Higher Secondary Education

Relevant Courses: Mathematics, Statistics

PROJECTS

Personal Finance Assistant | [GitHub](#)

- Built a full-stack AI-powered personal finance web app (Next.js, React, Tailwind CSS v4, shadcn/ui) for tracking, categorizing, analyzing, and forecasting personal expenses
- Trained 3 ML models in Google Colab: Logistic Regression for transaction auto-categorization, Linear Regression for expense forecasting, and Isolation Forest for real-time anomaly detection
- Designed a normalized PostgreSQL schema with Prisma ORM (full TypeScript type safety, indexed queries for optimized performance), hosted on Neon
- Delivered a responsive dashboard with spending analytics, budget tracking, transaction management, and a dedicated AI insights page.

Rag AI Teaching Assistant | [GitHub](#)

- This context-aware system can guide users with queries related to those videos that it is trained on.
- TechStack Used: OpenAI whisper, BGE-M3, SK-learn, LLM (Llama 3.2)

Movie Recommender System | [GitHub](#)

- Used library like Numpy, Pandas, Nltk for preprocessing the data set.
- Created frontend using Streamlit and deployed on Render.

Web Dev Projects | [GitHub](#)

- Created several Full-stack websites using MERN stack, Next.js

CERTIFICATIONS

- [Data Science Modeling](#) – WorldQuant University
- [Data Science Course](#) – CodeWithHarry
- [Python Bootcamp](#) – CodeWithHarry
- [C Programming](#) – Bharatacharya