NABIN KATWAL

Kathmandu, Nepal

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OBJECTIVE

Aspiring Machine Learning Engineer with expertise in Python, Machine Learning Algorithms, and Natural Language Processing. Passionate about solving real-world problems and creating scalable AI solutions. Seeking an opportunity to contribute to innovative projects related to Python and Machine Learning while furthering my skills.

EDUCATION

B.Sc. CSIT, Texas International College, Sixth Semester   Kathmandu, Nepal
Relevant Coursework: Data Structures, Algorithms, Machine Learning, Deep Learning, Natural Language Processing

SKILLS

Technical Skills	Python, SQL, NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Pytorch
	Feature Engineering, Exploratory Data Analysis (EDA),
	Machine Learning Algorithms
Soft Skills	Communication, Problem-Solving, Leadership, Adaptability, Collaboration

EXPERIENCE

AI/ML Instructor   May 2023 – Aug 2023
Texas International College, Kathmandu, Nepal

- Taught over 30 students foundational and advanced AI/ML concepts, including supervised and unsupervised learning techniques.

Machine Learning Intern   Remote
Prodigy Infotech

Machine Learning Intern   Remote
Code Alpha

PROJECTS GITHUB

College Chatbot: Developed an NLP-based chatbot to automate student inquiries, streamlining communication for college information.
Heart Disease Diagnosis System: Built a predictive model using classification algorithms to detect heart disease based on medical data, achieving high accuracy.
T20 Score Predictor: Created a regression-based model to predict cricket T20 match scores using historical match data.
YouTube Video to Note Converter: Developed a tool that converts YouTube videos into summarized notes using Python and NLP techniques.

CERTIFICATIONS

- Data Scientist Certification — DataCamp (Passed Certification Exam)
- Machine Learning Certification — Coursera (Completed)
- Python Master Professional Certification — Programiz Pro (Completed)
- DSA with Python Professional Certification — Programiz Pro (Completed)

EXTRA-CURRICULAR ACTIVITIES

- Participated in AI/ML-focused hackathons, achieving recognition for innovative solutions.
- Led the development team for the college canteen system, overseeing project execution and team collaboration.