

BIRAJ BUDDHACHARYA

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Tripureshwor, Kathmandu

PROFESSIONAL SUMMERY

AI Engineer & Software Developer with expertise in machine learning, deep learning, and full-stack development. Skilled in PyTorch, Python, and SQL, with experience building predictive models, automation tools, and scalable applications.

RELEVANT PROJECTS

Personal Project: RiskVision

Technologies: Flask, Streamlit, Scikit-Learn (Logistic Regression), Docker

GitHub: github.com/birajbuddhacharya/RiskVision

Developed a predictive model to assess the risk for diseases like stroke and heart disease based on user-provided data.

Personal Project: BreedVision

Technologies: FastAPI, Nextjs, Pytorch, Resnet-50

GitHub: github.com/birajbuddhacharya/BreedVision

Developed a computer vision model capable of accurately predicting different breeds of dogs using advanced deep learning techniques.

Personal Project: SyncBeats

Technologies: yt-dlp, FTP, youtube-API

GitHub: github.com/birajbuddhacharya/SyncBeats

Created a synchronization system for music across multiple devices (mobile, laptop, YouTube playlist).

TECHNICAL SKILLS

Programming Languages: Python, SQL, javascript, bash

Machine Learning: Scikit-Learn, Pandas, Numpy, Matplotlib, Seaborn, Pytorch

Web Development: Django, Flask, React

APIs & Tools: YouTube API, Spotify API, Docker

Version Control: Git, GitHub

REFERENCES

Mind Risers

Available upon request

Rabi Kiran Roka

Project Manager | Code Himalaya

Available upon request

SOFT SKILLS

- Problem-Solving & Analytical Thinking
 - Collaboration & Leadership
 - Adaptability & Continuous Learning
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EDUCATION

BSc. IT (Ongoing)

Techspire, Asia Pacific University (APU)

+2 NEB Science

National School of Sciences, NSS

Lainchour, Kathmandu

CERTIFICATION

Data Science Certification

Mind Risers, putalisadak

Credentials:

<https://www.mindrisers.com.np/certificate/validate/MR-81009-DS>