

Resume

Dinesh Karki

Computer Science Undergraduate specializing in Artificial Intelligence

I am Computer Science undergraduate focused on machine learning and data engineering. Comfortable taking a dataset from raw ingestion through model training to a deployed, monitored service.

Kathmandu, Nepal dev.dinesh.karki@gmail.com +977 9820263775 github.com/DineshKarki10
www.linkedin.com/in/dinesh-karki-

WORK EXPERIENCE

○ 2024 — Present

Freelance Data Analyst

Independent · Remote

- ▶ Delivered interactive dashboards in Python and Plotly for small businesses tracking sales and inventory
- ▶ Wrote SQL queries and ETL scripts to consolidate client data from spreadsheets and CRMs into Postgres

EDUCATION

○ 2024 — Present

Bachelor of Science in Computer Science

King's College · Kathmandu, Nepal

- ▶ Specialization in Artificial Intelligence and Data Science
- ▶ Core coursework: Machine Learning, Deep Learning, Data Mining, Computer Vision, Databases
- ▶ Final-year project: comparative study of transformer models for low-resource text classification

○ 2022 — 2024

Higher Secondary (Science)

Times College · Kathmandu, Nepal

- ▶ Distinction in Mathematics and Computer Science
- ▶ Science club lead

PROJECTS

Neural Sentiment Analyzer

Transformer-based review classifier with a live Streamlit dashboard for drift monitoring.

Python, PyTorch, Transformers

[View on GitHub](#)

ETL Pipeline for Retail Data

Scheduled ETL pipeline validating schemas and loading star-schema tables into Postgres.

Python, Pandas, SQL, Airflow

[View on GitHub](#)

CNN Image Classifier

ResNet fine-tuning for medical images, with Grad-CAM visualisations of each prediction.

Python, TensorFlow, OpenCV

[View on GitHub](#)

SKILLS

Languages

Python

SQL

JavaScript

Bash

AI & ML

PyTorch

TensorFlow

Scikit-learn

Pandas

NumPy

Hugging Face Transformers

Data Engineering

ETL Pipelines

PostgreSQL

Data Cleaning

Airflow

Apache Spark

Cloud & Tools

AWS

Docker

Git

Linux

Streamlit

Jupyter

REFERENCES

Senior professionals who have worked closely with me and can speak first-hand to my skills and work.

Prashanna Dhami

Full Stack Developer · Future Store

+977 9842724655 · prashannadhami059@gmail.com