

Ashim Nepal

+9779860339637 |  nepalashim90@gmail.com |  ashim-nepal |  ashim-nepal |  portfolio

Summary

Enthusiastic AI student with a strong foundation in mathematics, focused and passionate on building machine learning models.

Skills

PYTHON, DJANGO, FLASK, NUMPY, PANDAS, GIT/GITHUB, DOCKER, TENSORFLOW, KERAS LINEAR ALGEBRA & STATISTICS

Experience (Projects)

DIABETES PREDICTION MODEL

- A simple machine learning regression model developed to predict diabetes with various health parameter as input. A simple Flask app is designed to use this model and get the predicted result.

GYM EXERCISE RECOMMENDATION APP

- An application designed to get recommendation on gym Exercise. With a simple clustering unsupervised model, the application suggests exercise based on inputs like available machine and body part to work out on.

DEEP LEARNING PROJECTS

- This section includes multiple projects like, image classifier Application, Flower image classifier model and a application on streamlit designed to predict sentiment analysis on given text. It contains models designed using CNN and RNN architecture.

HOSPITAL APPOINTMENT MANAGEMENT APP

- A full-stack app for booking and managing doctor appointments, health packages & tests with CRUD operations and database management built using Django and PostgreSQL.

SIMPLE RAG MODEL – PDF QUESTION ANSWERING

- A tool that lets users ask questions about any PDF they upload by combining text search with a QA model.

Education

BACHELOR OF SCIENCE (HONS.) COMPUTER SCIENCE

| NOV 2022 - NOV 2025

HERALD COLLEGE KATHMANDU, UNIVERSITY OF WOLVERHAMPTON

HIGH SCHOOL (SCIENCE +2)

| SEP 2020 - MAY 2022

GLOBAL SCHOOL OF SCIENCE, NATIONAL EXAMINATION BOARD (NEB)

Certifications

- Mathematics for Machine Learning and Data Science by DeepLearning.AI (Coursera Certified)
- Machine Learning by DeepLearning.AI and Stanford Online (Coursera Certified)
- Introduction to Git and Github by Google (Coursera Certified)
- 3-Days Graphic Designing course from AITM College, Lalitpur Bagmati, Nepal (Certified)