

PIYUSH JHA

[Portfolio](#) | [+91 8588091122](#) | [Piyushjha9001@gmail.com](#) | [linkedin](#) | [github](#) | [Hackerank](#)

EDUCATION

Chaudhary Charan Singh University

Bachelor of Computer Application

Noida, India

Sep. 2023 – Present

PROJECTS

Project Tracker | *Flask , MySQL, SQL Alchemy, Bootstrap 5*

- * Built a Flask-based web platform to manage academic projects, incorporating structured task breakdown, deadline tracking, and progress analytics
- * Designed database schemas and used SQL Alchemy ORM for efficient data storage and retrieval, simulating real-world data pipeline management
- * Engineered a modular, scalable architecture with user authentication and deployment using Gunicorn, showcasing full-cycle development skills.

Kidney Disease Classification | *Flask , TensorFlow, Keras, Machine Learning*

- * A CNN-based deep learning model using TensorFlow and Keras to classify kidney diseases from medical images.
- * Structured the project with a configuration-driven pipeline, incorporating YAML, OOP in Python.
- * Build the backend using a Flask-based web app with real-time inference capabilities.

Movie Recommendation System | *Streamlit , NLP , Bag of Word , Scikit-learn*

- * Developed a content-based movie recommender using NLP and Bag of Words.
- * Used Scikit-learn for vectorization and cosine similarity.
- * Deployed an interactive web app with Streamlit and customized the UI with HTML/CSS

TECHNICAL SKILLS

Programming Languages: Python

Databases : MySQL

Libraries: Scikit-Learn, Tensor-flow , Matplotlib , Seaborn , Plotly , NumPy , Pandas, SciPy

Frameworks: Flask, FastAPI

Tools/Platforms : Git, VSCode, PyCharm , Colab, Kaggle, Notebook's

Mathematics for ML & DL : Algebra, Probability, Statistics, Calculus, Vectors, Matrices

Operating Systems : Linux, Windows

Soft Skills : Algebra, Probability, Statistics, Calculus, Vectors, Matrices

CERTIFICATES

SQL FOR DATA SCIENCE | UNIVERSITY OF CALIFORNIA | 2024

SKILL CERTIFICATIONS | HACKERRANK | 2024

PYTHON | UDEMY | 2023

HACKERTHON | UNIVERSITY OF CALIFORNIA | 2024