



ADITYA YADAV

📍 Varanasi, Uttar Pradesh

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CAREER OBJECTIVE

Motivated and detail-oriented final-year B.Tech Computer Science student with a strong foundation in Python, SQL, and Data Science. Seeking an opportunity to apply my skills in machine learning and data analysis to contribute to impactful and scalable solutions.

EDUCATION

Bachelor of Technology in Computer Science and Engineering(Pursing) 2021 - 2025
United College of Engineering and Research, Prayagraj(70%)

Intermediate (10+2) 2020 - 2021
Shah Faiz Public School, Ghazipur(78%)

High School (10) 2018 - 2019
Gaurishankar Public School, Ghazipur(82%)

TECHNICAL SKILLS

Programming	Python, Shell Scripting, HTML
Machine Learning	TensorFlow, Keras, Scikit-Learn, CNN
Data Science Tools	Pandas, NumPy, Matplotlib, Seaborn
Frameworks	Flask, FastAPI, Git
Databases	MySQL, MongoDB

PROJECTS

Plant Disease Detection and Cure Recommendation System ([Link](#)) Ongoing

- Achieved 99.39% accuracy in classifying plant diseases across 10 crops using TensorFlow and 61,486 images.
- Built a Flask-based disease diagnosis platform that will be deployed on GCP with TensorFlow Lite edge support soon.
- Empowered farmers with actionable insights to boost agricultural productivity.

Chest X-Ray Disease Detection System ([Link](#)) March 2024

- Developed a CNN model to detect diseases from chest X-ray images with high precision.
- Implemented preprocessing techniques to enhance image quality and optimize model performance.
- Designed and documented features to help healthcare professionals in efficient diagnosis of diseases.

Diamond Price Prediction App ([Link](#)) Dec 2023

- Achieved 94% accuracy using regression models.
- Deployed using Flask for interactive input and live predictions.

HOBBIES AND SOFT SKILLS

Hobbies	Fitness Activities, Playing Harmonium
Soft Skills	Leadership, Attention to Detail, Adaptability
Languages	English, Hindi, Urdu

EXTRACURRICULAR / CERTIFICATIONS

Data Science Masters Certification ([View](#))

Machine Learning Specialization ([View](#))

Python ([View](#))