ANNUSHREE UPADHYAY

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OBJECTIVE

Seeking a role in Data Science, utilizing my proficiency in Python, machine learning frameworks to create scalable AI solutions. Aspiring to work in a dynamic environment focused on NLP and large language model applications.

EDUCATION

Dr APJ Abdul Kalam Technical University, Lucknow **Nov 2021- June 2025**

- B.Tech in Information Technology**, CGPA: 8.3**

Holy Cross School, Ballia

- High School, ICSE **Percentage: 90.2** **2018**
- Intermediate, ISC **Percentage: 89.5** **2020**

PROJECTS

- **LLM Chatbot** – Developed a conversational chatbot powered by Google's Gemini Pro LLM, integrated with a Streamlit front-end in Python. Provide intelligent, human-like responses for queries, simulating natural conversation. Delivered an interactive, responsive chatbot capable of answering domain-specific and general questions in real time.
  Tech Stack: Google Gemini Pro API, Streamlit, Python.
- **Computer Vision (Object Detection) –** Designed an object detection system to detect, crop, and save images from videos using YOLOv8 and COCO datasets. Automate object identification and extraction from recorded video. Trained YOLOv8 model with COCO dataset, processed video frames, applied bounding boxes, cropped objects, and saved outputs.
  Tech Stack: YOLOv8, OpenCV, Python, COCO dataset.
- **Egg Quality Grading –** Built an AI model to classify egg quality using Roboflow's pretrained computer vision models. Automate quality grading of eggs to assist in food industry sorting.
  Tech Stack: Roboflow, Python, OpenCV.
- **Movie Recommendation System** – Implemented a recommendation system to suggest movies based on user preferences. Created a content-based filtering model using movie metadata and similarity scores.
  Tech Stack: Python, Pandas, Scikit-learn, Cosine Similarity.
- **Face mask Detection using CNN –** Created a CNN-based deep learning model to detect whether a person is wearing a mask.
  Tech Stack: Python, TensorFlow, CNN, OpenCV.
- **Simon Game –** Web-based memory sequence game with color and sound cues.
  Tech Stack: HTML, CSS, JavaScript, Bootstrap.
- **Drum Kit –** Web application that plays instrumental sounds when a user clicks elements or presses keys.
  Tech Stack: HTML, CSS, JavaScript.

CERTIFICATIONS

- **Oasis Infobyte –** Web Development and Designing
- **Shape My Skills –** Machine Learning and DSA
- **Udemy** – Web Development Bootcamp by Dr Angela Yu
- **SOFTPRO INDIA** – Python Programming Workshop
- **Ybi Foundation** – Fundamental in Big Data and Cloud Computing
- **Ybi Foundation** – Fundamental Classification Modelling

TECHNICAL SKILLS

- **Programming Languages**: Python, JAVA, C, JAVASCRIPT, HTML, CSS, Pandas, NumPy.
- **Databases:** MySQL
- Machine Learning, Deep Learning
- NLP
- PowerBI

PERSONAL SKILLS

- Quick learner with good grasping ability.
- Good oral, written and presentation skills.
- Positive attitude and highly adaptable.
- Good at problem solving and time management.

EXTRA CURRICULARS

- Member of college Technical Community
- House Captain in school
- Avid reader
- Hackathon participation