

GAURAV SHARMA

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Education

Noida Institute of Engineering and Technology (NIET, Greater Noida)

Bachelor of Technology in Computer Science (AIML).

Sep. 2022 - Present

Greater Noida, Uttar Pradesh

Relevant Coursework :

- Data Structures
- Data Analysis
- Artificial Intelligence
- Software Engineering
- Machine Learning
- Database Management
- Internet Technology
- Computer Network

Experience

Cognifyz Technologies

Machine Learning Intern

October 2024 – November 2024

Remote

- Developed machine learning models for real-world projects, including data preprocessing, model training, and evaluation
- Gained hands-on experience with Python, TensorFlow, and ML algorithms to improve model accuracy and performance.
- Collaborated with mentors to refine AI-based solutions, strengthening problem-solving and analytical skills.

Alignerr.ai

Freelance AI Trainer

March 2025- April 2025

Remote

- Evaluated and refined AI-generated responses to enhance model accuracy, relevance, and contextual understanding.
- Contributed to the development of a high-quality training dataset for large-scale AI model training.
- Conducted data analysis to identify performance patterns and provide actionable insights for model improvement.
- Collaborated with the internal team to ensure alignment with training goals and AI system benchmarks.

Projects

Gesture_Based_Volume_Control

January 2023

- Led a team in developing a real-time volume control system using Python.
- Implemented hand-tracking technology to adjust system volume based on finger distance.
- Utilized OpenCV and MediaPipe for gesture recognition and real-time process.
- Developed an intuitive user experience by ensuring smooth and accurate volume adjustments.

Image Classifier – Cat vs Dog

November 2024

- Developed a deep learning model using **Convolutional Neural Networks (CNN)** to classify images of cats and dogs.
- Implemented **TensorFlow and Keras** to build and train the model on a labeled dataset of cat and dog images.
- Used **OpenCV and NumPy** for image preprocessing, including resizing and normalization.
- Evaluated the model using **accuracy and loss metrics**, achieving high precision in classification tasks.

Technical Skills

Languages: Python, Java, HTML/CSS, JavaScript, SQL,

Developer Tools: VS Code, Eclipse, Google Colab, Jupyter Notebook

Technologies/Frameworks: GitHub, TensorFlow, Keras, Open CV

Certifications

- **Machine Learning Foundations: A Case Study Approach**, University of Washington
- **Machine Learning**, Cognifyz Technologies
- Spring & Angular Full Stack Developer, Infosys
- **Basic Data Descriptors, Statistical Distributions, and Application to Business Decisions**, Rice University