

Shine Gupta

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EDUCATION

KIET Group of Institutions

Bachelor of Technology in Computer Science and Engineering

Muradnagar, Ghaziabad

October 2022 – June 2026

CJ DAV Centenary Public School

10th (96.6%) and 12th (95.8%)

Shastri Nagar, Meerut

March 2010 – July 2022

EXPERIENCE

Machine Learning (OCR) Intern

Business Quant

June 2024 - Present

- Identify tabular data in images using OCR models (ex. PaddleOCR, Tesseract amongst others)
- Improve computer vision model performance using deep learning techniques

Data Science Intern

Enshrine Global Systems

July 2024 - Present

- Develop LLM (OpenAI, AWS Bedrock)+ Selenium modules using Python
- Develop AI (LLM) Agents (Llama-Index, Lang chain, Crew)

AI/ML Developer

Drifko

April 2024 - July 2024

Ghaziabad

- Designed and implemented chatbots using Rasa and Chainlit frameworks, leveraging large language models (LLMs) to facilitate natural and intuitive user interactions.
- Created sophisticated natural language processing (NLP) models to enhance the company's digital solutions, focusing on understanding and generating human-like text.

Data Science Intern

NULLCLASS

March 2024 - April 2024

Muradnagar, Ghaziabad

- Built a real-time translation app from scratch, integrating state-of-the-art machine translation models to facilitate seamless communication across languages..

PROJECTS

CyberRakshak | ML & DL , TensorFlowFlutter and Flask

November 2023- January 2024

- Developed a cybercrime prediction app using machine learning and Flutter: Leveraged ML algorithms to predict criminal next steps, building the user interface with Flutter and backend with Flask
- Selected in the November 2023 Innovation Challenge and won the Innotech 2023 award, demonstrating the project's impact and potential

Sentiment Analysis with multilingual support | TensorFlow, Transformers , ML & DL, Streamlit March-April 2024

- The model is trained to classify text into positive or negative sentiments and can handle input text in various languages and utilizes a transformer-based architecture, specifically a Transformer Encoder, to capture the contextual information of the input text.

Autonomous AI Agent to fill a simple form | NLP, AI Agents, Automation

- Created an autonomous agent using AI to automatically fill out forms based on given inputs.

Fine-tuning PaddleOCR for Table Extraction | OCR, Image Processing, Deep Learning

- Enhanced PaddleOCR to accurately extract tables from images, focusing on improving accuracy and reliability.

SKILLS AND COMPETENCIES

Languages : C , C++ , Python , MySQL

Framework : TensorFlow, PyTorch, scikit-learn, NLTK

Developer Tools : Git and GitHub, Jupyter Notebooks, VS Code, Google Colab ,Linux

Data Analytics & Visualization : Pandas, NumPy, Matplotlib, Seaborn

Machine Learning & AI: Machine Learning Algorithms, Deep Learning, NLP, Transformers, Large Language Models (LLMs)

Soft Skills: Creativity and Innovation, Communication and Presentation Skills, Collaboration and Teamwork, Adaptability and Flexibility