Shine Gupta

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EDUCATION

KIET Group of Institutions   Muradnagar,Ghaziabad
Bachelor of Technology in Computer Science and Engineering   *October 2022 – June 2026*

CJ DAV Centenary Public School   Shastri Nagar,Meerut
10th (96.6%) and 12th (95.8%)   *March 2010 – July 2022*

EXPERIENCE

AI/ML Developer   April 2024 - Present
Drifko   *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   March 2024 - April 2024
NULLCLASS (Virtual Internship)   *Muradnagar, Ghaziabad*

- Built a real-time translation app from scratch, integrating state-of-the-art machine translation models to facilitate seamless communication across languages..
- Participated in the end-to-end development process, from initial data collection and model training to deploying the application and monitoring its performance.

Technical Coordinator   December 2023 – Present
School of AI ML & DS   *Muradnagar, Ghaziabad*

- Leveraged my leadership skills to foster collaboration, and ensure efficient and smooth conduction of the event.
- Gaining insights into the latest AI trends and gained experience to hold a team.
- Contributed to the student-driven body.

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.
- It utilizes a transformer-based architecture, specifically a Transformer Encoder, to capture the contextual information of the input text.

Age and gender prediction | *CNN, openCv , DL, Streamlit ,Transfer learning*

- Implemented Age and Gender Prediction using VGG16, data augmentation, multi-output model, Streamlit app, contains a Deep Learning model for predicting age and gender from facial images. The model is built using the VGG16 architecture, trained on the UTKFace dataset.

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