

Nikhil Kumar

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EDUCATION

Delhi Technical Campus (GGSIPU)

Bachelor of Tech in Artificial Intelligence and Data Science

Greater Noida ,UP

2022 – 2026

EXPERIENCE

PR Lead, THE FOSS CLUB

Delhi Technical Campus (GGSIPU)

NOV 2023 – NOV 24

- Lead the Public Relations efforts of the FOSS club, overseeing communication strategies and promotional activities.
- Developed and implemented marketing campaigns to increase club membership and engagement.
- Collaborated with team members to organize workshops, seminars, and hackathons focused on open-source technologies

PROJECTS

Chatbot using Natural Language Processing / *Python, NLTK, spaCy, scikit-learn*

JAN 2025

- Developed an NLP-based chatbot with Flask as backend and React frontend
- Integrated GitHub OAuth to personalize responses based on user's repositories
- Used NLTK and spaCy for intent recognition and preprocessing
- Used Celery and Redis for asynchronous tasks

Face Detection using Computer Vision / *Python, OpenCV, Dlib, Deep Learning*

OCT 2024

- Built a facial detection and recognition system using OpenCV, Dlib, and facial embeddings
- Implemented real-time face detection with bounding boxes and facial landmark detection
- Achieved 90% accuracy on the Labeled Faces in the Wild dataset

TECHNICAL SKILLS

Languages: Python, Java, C/C++, HTML/CSS, JavaScript

Frameworks: TensorFlow, PyTorch , Keras

NLP & LLMs: SpaCy, NLTK, HuggingFace Transformers, OpenAI API, LangChain

Developer Tools: Git, GitHub, VS Code, Visual Studio, PyCharm, Jupyter Notebook

Libraries: pandas, NumPy, Matplotlib

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