AKHILESH NEGI

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EDUCATION

2023-2027

DELHI TECHNOLOGICALUNIVERSITY

- Computer Science Engineering
- CGPA: 8.2

2023

SCHOOL OF EXCELLENCE

- Passed 12th

SKILLS

- Python
- Machine Learning
- Neural Network
- Tensorflow
- Linear Algebra
- Probability Statistics
- Data Analytics

CERTIFICATES

- Machine Learning By DeepLearning.AI
- Foundations: Data, Data, Everywhere By Google

PROFILE

AI Enthusiast with a strong foundation in Machine Learning, particularly interested in Natural Language Processing and Computer Vision. Passionate about lifelong learning, actively expanding my knowledge through online courses and industry conferences. Constantly seeking new challenges to expand my skillset, as demonstrated by my contributions to open-source projects like TensorFlow and Pytorch.

PROJECTS

Intelligent Virtual Assistant

- Overview: Developed a virtual assistant capable of interacting with users through voice commands, performing real-time speech recognition, text-to-speech conversion, media playback, information retrieval, and providing date and time information.
- Technologies Used:
  SpeechRecognition
  pyttsx3
  pywhatkit
  Wikipedia API
  Datetime Module
- Achievements:
  Successfully implemented real-time speech recognition, enhancing user interaction through natural language processing.

Real-time Face Detection using OpenCV

- Overview: This project involves developing a real-time face detection system that can identify and highlight faces in a live video stream captured from a webcam.
- Technologies Used:

Python: Core programming language for developing the face detection system.

OpenCV: For video capture, image processing, and face detection.

- Achievements:

Successfully implemented a real-time face detection system with high accuracy and efficiency.

Drawing bounding boxes around detected faces.

Credit Card Fraud Detection using Machine Learning

- Overview: This project involves developing a system to identify fraudulent credit card transactions in real-time or near real-time.
- Technical Skills: libraries and frameworks used- scikit-learn, pandas, NumPy, and Tensorflow.
- Achievements:

Successfully implemented multiple machine learning models to detect fraudulent transactions with high accuracy.

Achieved significant reduction in false positives and false negatives, enhancing the reliability of the fraud detection system.