Aashi

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OBJECTIVE

Highly motivated AI-ML undergraduate with a strong academic record (CGPA: **9.22**) and practical experience in deep learning and computer vision. Passionate about building real-world AI solutions and continually enhancing technical skills. Proficient in Python, TensorFlow, OpenCV, and YOLOv8.

TECHNICAL SKILLS

Languages: Python, C++, Java, MySQL

Frameworks: TensorFlow, Keras, OpenCV, Scikit-learn, PyTorch, YOLOv8

Concepts: Data Structures and Algorithms, OOPS, OS, Computer Networks

Tools: Google Colab, Jupyter Notebook, Roboflow

PROJECTS

Facial Expression Recognition   Jan 2024 – Apr 2024
Deep Learning Project   *Python, TensorFlow, Keras, OpenCV*
- Built a model using VGG16 for feature extraction and SVM for classification.
- Achieved over 96% accuracy on the CK+ dataset.
- Developed hands-on skills in model evaluation and preprocessing.

ShuttleSense – Badminton Analytics   Jan 2025 – Apr 2025
Computer Vision Project   *Python, YOLOv8, OpenCV*
- Built a pose-based action detection system to identify badminton actions.
- Trained on labeled images to classify smash, serve, etc.
- Strengthened knowledge in vision-based sports analytics.

EDUCATION

VIT Bhopal University   Bhopal, India
B.Tech in Computer Science and Engineering (AI-ML)   *2023 – 2027*
- CGPA: 9.22

St. Xavier's Sr. Sec. School   Delhi, India
Class 12th (CBSE)   *2023*
- Percentage: 94.8%

St. Xavier's Sr. Sec. School   Delhi, India
Class 10th (CBSE)   *2021*
- Percentage: 97.6% (School Topper)

ACHIEVEMENTS AND ACTIVITIES

- Co-authored research paper on facial expression recognition using hybrid CNN-SVM; accepted by Springer with 97.97% accuracy and 0.98 F1-score.
- Secured 3rd place in Solvit Hackathon organized by the Hostel Committee.
- Solved 150+ DSA problems on platforms like LeetCode and GeeksforGeeks.

CERTIFICATIONS

- NPTEL Cloud Computing
- IBM Generative AI Certificate