Syed Syed Peer

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Caree Objective

Looking forward for an opportunity where I can utilize all my technical and theoretical knowledge for the development of the organization

Education

NRI Institute of Technology *Sept 2022 – May 2026*
B.Tech in Artificial Intelligence and Machine Learning - CGPA - 8.7

Skills

Programming Languages: Python, Java, C, JavaScript
Web Technologies: HTML, CSS, JavaScript , React, Node.js, Streamlit, Flask
Database Systems: NoSQL, MongoDB
Data Science & Machine Learning: TensorFlow, Keras, Scikit-Learn, PyTorch, Pandas, NumPy, Natural Language Processing (NLP), Deep Learning, OpenCV, MediaPipe, CNN
DevOps & Version Control: Git, GitHub
AI/LLM APIs and Tools: Gemini API, Stability API, OpenAI, OpenCV

Projects

CNN-Based Image Compression Model ⧉
- **Technologies:** Python, CNN, OpenCV
- Developed a Convolutional Neural Network (CNN) that performs image compression using dimensionality reduction and color grading techniques.
- Achieved over **85%** precision and **40%** effective storage optimization while maintaining image quality for reconstruction tasks.

Live Google Form Response Dashboard ⧉
- **Technologies:** HTML, CSS, JavaScript, TypeScript, Tailwind CSS
- Developed a real-time web application that visualizes responses from Google Forms using a published CSV link from Google Sheets.
- Designed an interactive dashboard that renders bar and pie charts for multiple-choice inputs and neatly formatted tables for free-text responses.
- Ensured a responsive, fast-loading UI with a modern build setup and modular codebase suitable for deployment and scaling.

Real-Time Student Distraction Detection System ⧉
- **Technologies:** YOLOv8, MediaPipe, OpenCV, Python, Flask, SQL
- Designed a system to detect student distractions in real-time using YOLO for object detection and MediaPipe for pose/gesture tracking.
- Automatically captures and stores images of distracted students, updating the dashboard every **3 seconds**.Provides real-time analytics for teachers to monitor classroom engagement.

Achievements

- Participated in **3 National-Level Hackathons**
- Certificate of Appreciation for my active participation in **organizing SUNRISE 2K25!**
- Member of **BIS standards club** at NRIIT.

Certifications

Oracle Cloud Infrastructure 2024 Generative AI Certified Professional – **Oracle**
Artificial Intelligence Primer Certification – **IBM**
Introduction to Machine Learning – **Kaggle**
Introduction to Prompt Engineering – **Cognitive Class.ai**
Generative AI Fundamentals – **Databricks**
Career Essentials in Data Analysis – **Microsoft** and **LinkedIn**
Google AI Essentials – **Google**
Career Essentials in Generative AI – **Microsoft** and **LinkedIn**
Finetuning Large Language Models!– **DeepLearning.AI**