Sanjay Vikram CB

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Erode ,TamilNadu.

Technical Skills

- Python
- HTML, CSS, Bootstrap ,TailWind CSS.
- Data Analysis
- Tableau
- Machine Learning
- MERN
- Flask

Areas Of Interest

- Data Analysis
- Data Science
- Machine Learning
- Cloud computing(Azure)

Industrial Training

Completed a 6 days Industrial Training at **National Small Industries Corporation Chennai (NSIC),** on the topic "Embedded Systems on Artificial Intelligence".

Conference

Presented at the RIBE 2023 Conference with the topic of, "**Human Paralysis To Retrofit The Motion Using Artificial Neural Network**".

Workshop

Attended One week hands on Training at NIT-PY on the topic of "**Immersive Technologies and Wearable Device for Industrial and Engineering Applications".**

Languages Known

- English
- Telugu
- Tamil

Objective

Aspiring Data Scientist in the final year of B.Tech in Artificial Intelligence and Data Science, eager to apply extensive knowledge in machine learning and Python to solve real-world problems. Passionate about contributing to innovative projects and developing solutions that leverage the latest AI technologies.

Educational Qualification

Erode Sengunthar Engineering College.
B.Tech (Artificial Intelligence and Data Science)
Percentage - 87%
Nandha Matric Hr. Sec. School.
2021
HSC - 86.83%
Parimalam Matric Hr. Sec. School.
2019
SSLC - 83.6%

Projects

Face Attendance System using DeepFace:

The system uses pre-stored faces for recognition and employs DeepFace for accurate facial matching. When a face is detected, it's compared with the stored faces using DeepFace. Upon successful recognition, attendance is automatically updated on the website, and the data is stored in Firebase for future reference.

Tools: Flask, Python, Firebase, DeepFace, OpenCV, MERN, Tailwind CSS.

Medical image Analysis and decision Support using LLM.

Developed a website for medical imaging pipeline that automates segmentation, anomaly detection, and report generation, improving diagnostic accuracy. Utilized a Visual Large Language Model (VLM) for high performance in few-shot learning, generating detailed reports to enhance clinical workflows.

Tools: Tensorflow , LLM, Flask, MERN, Tailwind CSS.

Vital Fit : Your Health Companion

"Vital Fit" is an IoT-based web project that calculates a person's BMI (Body Mass Index) by measuring their height and weight. It provides personalized diet recommendations to help users maintain a healthier weight.

Tools: Embedded C, Website(HTML, CSS, JS, Firebase)

Certifications

- **Harvard –** CS50x
- **Microsoft -**Azure AI Fundamental (AI-900)
- **Simplilearn -**Data Scientist
  Artificial Intelligence Engineer
  Tableau Training
- **NPTEL**
  Introduction to Machine Learning
  Introduction to Natural Language Processing
- **IBM –** Python for Data Science**.**