Venkata Ramana Billana

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github - ramana2074

About me

Emerging engineer specializing in Artificial Intelligence, with proficiency in Python, Machine Learning, and Deep Learning. Possesses strong problem-solving skills and the ability to work well in teams or independently. Seeking a long-term role to contribute to the organization while gaining experience in AI, ML, and Web Development.

Education

B V Raju Institute Of Technology, Bachelors in Computer Science and Engineering AI/ML   Nov 2022 – July 2026
- CGPA: 9.01

Sri Chaitanya Junior Kalasala , Intermediate MPC   July 2020 – July 2022
- Percentage: 95.1%

Sri Chaitanya High School, SSC 10th   July 2019 – May 2020
- GPA: 10

Projects

MEDICAL DIAGNOSIS AND PRESCRIPTION SYSTEM USING DEEP LEARNING   Github Repo
- This project implements a Medical Diagnosis and Prescription System using Long Short-Term Memory (LSTM) networks to analyze patient symptoms and provide accurate diagnoses and medication recommendations.
- Tools Used:TensorFlow | Keras | LSTM | Python | Pandas | NumPy

AGE DETECTION USING OPENCV AND CAFFE   Github Repo
- This project implements an age detection system using OpenCV's DNN module and a pre-trained Caffe model. It detects faces in an image and predicts the age group of each detected face.
- Tools Used: OpenCV | Caffe | Python | NumPy | Matplotlib

YOLOv3 OBJECT DETECTION WITH OPENCV   Github Repo
- This project uses the YOLOv3 (You Only Look Once) model which has a great balance between speed and accuracy, making it ideal for real-time applications. With the help of OpenCV, this project processes images, applies the YOLOv3 model, and displays the detected objects with labeled bounding boxes.
- Tools Used: Python | OpenCv | Numpy | Matplotlib

Skills

Programming Languages: Java, Python, C, C++, JavaScript

Technolgies: HTML, CSS, SQL

Tools: Microsoft Excel , Microsoft Power Point , Microsoft Word , SQL server , VS Code , Juypter Notebook , Github , Google Colab

Languages : English - Professional, Telugu - Native , Hindi - Understandable

Certifications and Achievements

NPTEL Elite + Silver in Joy of Computing using Python (2023).

Database Programming with SQL from Oracle Academy (2023).

NPTEL Elite Privacy and Security in Online Social Media (2024).

Top 25.89% with 1579 rating in Leetcode platform.

Others

Cultural Club BVRIT Dance Member

ACM Student Member BVRIT