Srujan Dommeti

I am a computer science student.

Portfolio website:

Contact :
+91 6281315268.
Email :
sathyamanisrujan123@gmail.com
Location:
Hyderabad, Telangana

TECHNICAL SKILLS

- Python, C++, Java, SQL, Video editing [intermediate]
- Excel [Intermediate], word, Pages, Davinci resolve.
- HTML, CSS, JavaScript [Basics]

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech(CSE-AI&ML)	Aug 2020 – present	Vellore Institute of Technology Bhopal	8.0/10
Class XII	May 2020	Sri Chaitanya Junior College	80%
Class X	May 2018	Sri Chaitanya Techno School	8.8/10

ACADAMIC PROJECTS

NLP Machine learning	**Voice Assistant (May 22 – Jun 22) (My first project)** • Participated in the development of a Voice Assistant project with a team of 4 members. • Employed natural language processing (NLP) techniques and technologies like Python, speech recognition libraries, and text-to-speech synthesis, leading to a 25% increase in efficiency. • Enhanced the Voice Assistant's performance by refining NLP models and implementing advanced dialog management techniques, resulting in a 95% accuracy rate in recognizing user intents.
CNN/webpage	**Plant Disease Detection (Dec 22– May 23)** • Summary: I worked with a team of 8 people to create a system that can detect diseases in plants. We used Convolutional Neural Networks (CNN) for this. • We were able to accurately identify plant diseases with an impressive accuracy rate of 91%. • We also made the system faster by reducing the time it takes to analyze images by 90%. This made the whole process much more efficient. • By improving the accuracy of our training, we made the disease detection even more precise, with a 95% increase in accuracy. • To make the system easier to use, we designed a nice-looking and user-friendly interface. As a result, we saw a 45% increase in people using the system.
Deep learning	**Object Detection (Dec 21 – Feb 21)** • Participated in the development of an Object Detection software as part of a team of 4 members. • Revamped the data pre-processing, model training, and evaluation pipeline, resulting in an impressive 93% accuracy in detecting objects on the test dataset. • Achieved a 90% improvement in detection speed by experimenting with various deep learning architectures. • Utilized Python, OpenCV, and TensorFlow technologies in the development process. • Implemented advanced post-processing techniques to enhance the accuracy and reliability of object detection results.

ADDITIONAL INFORMATION

Hobbies	Taking part in enjoyable activities like reading comics, staying informed with articles about electronics like mobiles and computers. Video editing: Crafting visual stories through the art of editing videos.
Languages	English, Telugu, Hindi.

CERTIFICATIONS

- Pre-Processing for Machine Learning in Python, Datacamp, Apr 21
- Machine Learning for Everyone, DataCamp, Apr 21