CHEGURI PRASHANTH KUMAR

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SUMMARY

Enthusiastic and adaptable problem solver with a passion for continuous learning and personal growth. As a highly motivated technology enthusiast, I thrive in dynamic environments and embrace challenges with a positive attitude. With a solid foundation in Key Skills and Technologies, I am eager to contribute my fresh perspective and dedication to excellence to a forward-thinking team. Let's collaborate and create something remarkable together

EDUCATION

Bord of Secondary Education   Graduating April 2018
ZPHS VEMSOOR   9.2 GPA

Bord of Intermidiate   Graduating march 2020
KRISHNAVENI JUNIOR COLLEGE KHAMMAM   959 MARKS

Under Graduation   Graduating may 2024
NIT ANDHRA PRADESH   7.16 CGPA

TECHNICAL SKILLS

Full Stack Developer: MongoDb,Express,React,Node
programming: Python, C, C++,Java,SQL,JavaScript
Certifications: Web Development exam certification at Internshala, NPTEL Cloud computing exam ELITE cerification from IITK, NPTEL Statistical Learning for Reliability Analysis exam ELITE from IITK

ACADEMIC PROJECTS

A semi-supervised Teacher-Student framework for surgical tool detection and localization fall 2023-Spring 2024
In the context of minimally invasive surgery, accurate detection and localization of surgical tools play a crucial role in computer-assisted interventions. However, obtaining fully labeled data for training supervised models can be challenging due to the scarcity of large image datasets with bounding box annotations. Additionally, class imbalance issues can lead to pseudo label bias in existing supervised methods.

Rethinking Minimal Sufficient Representaion in CL Fall2022 – Spring 2023
Contrastive learning is a machine learning paradigm where the goal is to learn representations by pulling together data points from the same class (positive pairs) while pushing apart data points from different classes (negative pairs). This helps in creating a feature space where similar instances are closer to each other, and dissimilar instances are farther apart. This representation is valuable for various downstream tasks like classification, clustering, and more, as given in the point-wise explanation. .

Fruit and Vegetable Market Shop using MERN   Spring 2023
Created a user-friendly interface for customers to browse and purchase fruits and vegetables, implement sorting and filtering functionalities, and ensure a seamless shopping experience..

Python projects-voice assistant   Spring 2023
Developed a voice assistant system that responds to user commands and inquiries, enhancing user interaction and accessibility.

Python project sentiment analysis   Spring 2023
Implemented sentiment analysis to understand user emotions and feedback, leading to an improved user experience and responsiveness.