Talla Vishnu Kranth Reddy

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WORK EXPERIENCE

Teaching Assistant (TA) — IIIT Raichur

Hardware Description Language (HDL):　　　　　　　　　　　　　　　　　　　Jan - Apr
- Digital System Design (DSD): Conducted tutorial sessions, clarified complex digital logic design
- topics, and contributed to project evaluations.

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EDUCATION

Indian Institute of Information Technology, Raichur (IIIT Raichur)

Bachelor of Technology (BTech) in Computer Science and Engineering　　　　2022 - Present
- Cumulative GPA: 6.15/10

Sri Chaitanya Junior College, Vijayawada

MPC　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　2020 - 2022

PROJECTS

Movie Ticket Booking System
- improved user experience and functionality, integrating advanced PHP-based features.

Railway Track Crack Detection
- Designed a system to detect railway track cracks using AE sensors and LoRa technology for real-time
- monitoring. Documented the project pdf.

- Image-Based Detection of Quality of Fruits and Vegetables Using AI

- Developed an AI-driven system for detecting the quality of fruits and vegetables using computer vision techniques.

- Utilized YOLOv8 and YOLOv5 deep learning models for real-time classification of healthy and rotten produce.

- Contributed to the development of an automated sorting system to improve food safety, sorting accuracy, and the winemaking process based on the percentage of rotten produce, reducing human error and enhancing efficiency in the agricultural industry.

Hobbies

- Reading books

- Playing Chess, Volleyball

SKILLS

- Programming Languages: Python, C, C++, JavaScript
- Web Development: HTML, CSS, JavaScript, React.js, Node.js, Express.js, SQL
- Machine Learning: TensorFlow, Scikit-Learn, Keras, Supervised Learning, Unsupervised Learn- ing
- Languages: English (Fluent), Hindi, Telugu (Native)