SHEELAM VIHAS REDDY

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EDUCATION

Coursework: Machine Learning, OOPs, Robotics and Drones, Python, Data Structures, Data base management system, Computer Organization and Architecture, Web Technologies, Operating Systems, Computer Networks, Artificial Intelligence

Chaitanya Bharathi Institute of Technology, Hyderabad — **Hyderabad, India**
Bachelor of Engineering, Computer Science (CGPA – 9.64/10.0) — *July 2022 - June 2026*

NRI Junior College — **Hyderabad,India**
Intermediate (Percentage – 98.2%) — *June 2020 – July 2022*

TECHNICAL SKILLS

Programming Languages :	Python,Java, C,JavaScript,Kotlin
Database and Web-Technologies:	HTML, CSS, React JS ,Node JS ,MongoDB, SQL ,Express JS
Tools:	Git

PROJECTS

- **Door Locking System using RFID:** Developed a Door Locking System using RFID technology and Arduino, utilizing Radio Frequency Identification for secure access control. Designed and implemented a system to wirelessly communicate with RFID tags, ensuring secure access by matching tag information against stored data.
- **TrustTribe:** Developed a Community Safety Engagement Platform using HTML, CSS, JavaScript, and Node.js. The platform enhances safety with features like real-time communication via Socket.io, incident reporting for quick response, and a dynamic event calendar for managing and tracking community events. Designed for seamless integration with local law enforcement agencies, it serves as a valuable tool for community members to collaborate.
- **Lost and Found Application**: Built a college community platform to report and track lost items, with features for item reporting, search, and user communication. Designed with a user-friendly interface to promote community engagement and streamline item recovery.(HTML, CSS, JavaScript, Node.js, Express.js, MongoDB)
- **AI-Powered Diagnostic and Treatment Support System for Medical Professionals**: Developed a healthcare platform featuring an AI chatbot for symptom analysis, video conferencing for patient-doctor consultations, appointment booking, and online prescription management. Implemented machine learning algorithms for accurate disease predictions related to the lungs, brain, and eyes.(Python, HTML, CSS, Machine Learning, AI)
- **Plant Disease Detection and Farming Assistance System:** Developed an intelligent system integrating Convolutional Neural Networks (CNN) for plant disease detection from leaf images and an NLP-based chatbot for real-time farming guidance. Key features include pesticide info database, Expert Consultation, price forecasting, and market access. Enhanced with real-time weather alerts to support sustainable farming and improve crop yield. (Python, MongoDB, Flask, TensorFlow, scikit-learn, React, CSS,APIs)

CERTIFICATIONS

• MongoDB Certified Associate Developer
• Problem Solving through Programming in C (NPTEL)
• Java Foundation Certification (Infosys Springboard)
• Introduction to Machine Learning (Internshala)

LANGUAGES

- English Telugu Hindi

ACHIEVEMENTS

- 3-Star coder on Codechef
- Leetcode Rating 1773
- Reliance Foundation Undergraduate Scholar 2023