

EDUCATION

- Indian Institute of Information Technology Sri City

Bachelor of Technology in Computer Science and Engineering

Chittoor, India

2020 - 2024

 - Relevant Coursework:** Data Structures and Algorithms, Mathematics, Object Oriented Programming, Database Management Systems, Full Stack Development, Cloud Computing, Machine Learning, Computer Vision

SKILLS

- Programming Languages:** C, C++, Python, Java, Javascript
- Frameworks & Libraries:** NodeJS, ExpressJS, ReactJS, numpy, pandas, Matplotlib, TensorFlow
- Tools & Databases:** MongoDB, MySQL, Git/Github

EXPERIENCE

- Full Stack Developer Intern

ShunayaVerse Labs

Nov 2024 - Present

 - Contributed to the development of scalable web applications using modern technologies like Flutter, Dart, Firebase
 - Collaborated with cross-functional teams to design, develop, and deploy end-to-end solutions.
 - Implemented features to enhance user experience and optimized backend processes for improved performance.

PROJECTS

- Dr-Helpy

Full Stack Developer - React.js, MongoDB, Express.js, Dockerization

Website

 - Launched a multi-page e-commerce application with advanced filtering options and user-friendly navigation.
 - Developed an innovative web application featuring seamless online medicine ordering and virtual doctor consultations, while establishing a comprehensive disease information hub that educated users.
 - Along with highly customizable attributes for products via secure admin portal.
- Health Care Robot

Auto Temperature and Face Mask Detection - Robotic Intelligence, Python, Arduino

GitHub

 - Successfully developed a healthcare robotics system utilizing a Convolutional Neural Network (CNN) model.
 - Integrated a temperature sensor to monitor body temperature and detects the presence of a face mask.
 - It showcased advanced applications of robotics and AI in healthcare for enhanced safety and efficiency.
- Menu Based Restaurant ChatBot

ChatBot - Tensorflow, Numpy, Matplotlib

GitHub

 - Chatbot is able to solve various queries related to restaurant including booking, cuisine, type of booking required etc.
 - Worked on multi-label classification and Recurrent Neural Networks.
 - Achieved an accuracy of 95.3%.
- Sentiment Analysis on a Twitter data

Sentiment Analysis - Python, pandas, nltk, TensorFlow

GitHub

 - A sentiment analysis model is constructed using convolutional neural networks (CNNs).
 - Natural language processing techniques are employed for data preprocessing, including text cleaning and tokenization.
 - The code showcases skills in data manipulation, natural language processing, and machine learning, particularly in sentiment analysis.

RESEARCH WORK

- IMMERSIVE LEARNING EXPLORING PROJECTILE MOTION AND GRAVITY IN VIRTUAL REALITY:**
- Developed and implemented a cutting-edge Virtual Reality (VR) project centered on physics education, integrating Unity3D and Oculus SDK to create immersive learning environments for projectile motion and gravity concepts.
- Designed progressive levels within the VR scenarios, allowing users to interactively explore and understand physics principles, while incorporating tactile VR devices and the Socratic questioning method to enhance engagement and critical thinking.
- Conducted a successful study involving 20 students, demonstrating the superior impact of VR learning, as evidenced by improved comprehension and positive feedback on the transformative nature of the educational experience.

RESPONSIBILITIES

- IOTA

Core Member

2023 - 2024

 - Engaged as a core member within the IOTA Club, actively participating in fundamental organizational activities and initiatives.
 - Mentored new members, fostering a supportive learning environment and providing technical guidance within the club.
 - Coordinated and organized technical events.
- National Service Scheme (NSS)

Student Volunteer

2020 - 2024

 - Visited nearby villages to spread awareness of education among the children.
 - Planted trees and collected trash in nearby localities.
 - Participated in blood donating camps.