LinkedIn
Github

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EDUCATION

- **Indian Institute of Information Technology** — Sri City, India
  Bachelor of Technology in Computer Science and Engineering — *Expected April 2024*
  - **Cumulative GPA**: 6.99/10.0
  - **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

PROJECTS

- **Dr-Helpy** — Website 🔗
  Full Stack Developer - React.js, MongoDB, Express.js, Dockerization
  - Designed multi-page e-commerce web applications.
  - The web application incorporates features for online medicine ordering and virtual doctor consultations, alongside creating a concise disease information hub to educate users.
  - Along with highly customizable attributes for products via secure admin portal.

- **Health Care Robot** — GitHub 🔗
  Auto Temperature and Face Mask Detection - Robotic Intelligence, Python, Arduino
  - 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.
  - This project showcased advanced applications of robotics and AI in healthcare for enhanced safety and efficiency.

- **Menu Based Restaurant ChatBot** — GitHub 🔗
  ChatBot - Tensorflow, Numpy, Matplotlib
  - 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** — GitHub 🔗
  Sentiment Analysis - Python, pandas, nltk,TensorFlow
  - 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.

- **Medical Database Management System** — GitHub 🔗
  Software Developer - OOPS , Java , MySQL
  - This project is about Medical Store Database Management System using Command Line Interface.
  - User have the capability to store and retrieve comprehensive records that include inventory data, sales reports, information about sellers, and details about buyers

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