

VASANTH S

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OBJECTIVE

Aspiring software developer with expertise in React.js and Python, seeking to leverage my technical skills to contribute to innovative projects. I am eager to tackle real-time challenges while continuously enhancing my knowledge and abilities. My goal is to collaborate with a dynamic team to create impactful software solutions.

SKILLS

Tools	React js	React native	Java script	Type script	Python	AI and ML
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- Proficient in building dynamic and responsive web applications using React.js, emphasizing modular and reusable component design.
- Strong knowledge in server-side development with Python, including framework experience in Flask for creating robust API services.
- Experienced in developing real-time projects and integrating database solutions (MongoDB, MySQL) to ensure data integrity and seamless user experiences.

EDUCATION

Chendhuran College of Engineering and Technology

Bachelor of Engineering - Computer science and Engineering - First class 7.58 GPA 2020-2024

PROJECT

Gym chart bot web application using NLP May 2024

- Description: Developed a chatbot using advanced NLP for personalized workout recommendations, enhancing user engagement and improving workout management.
- Technologies used: Flask framework , NLTK, TensorFlow, NumPy, and Pickle to develop robust machine learning models and deploy them, with Jupyter Notebook. HTML/CSS for the frontend, JavaScript for interactivity, MySQL for database management, and JSON for data interchange.
- Outcomes : User understandable UI and satisfy the user questions.

Sign Language Recognition using Python July 2023

- Description: Developed a sign language recognition system for a hearing impaired peoples to communicate. we developed some signs and its meanings users can easy to communicate. those who can't understand there communication.
- Technologies used: Utilized OpenCV, Matplotlib, and Mediapipe to enhance visual data processing and analysis, significantly improving the accuracy and efficiency of computer vision tasks. Requires web camera for real-time sign language recognition
- Outcomes: Successfully detect the signs language and convey the sign meaning 90%

WORK EXPERIENCE

In plant trainee Lucas TVS Feb 15 - May 15

Gained hands-on experience in manufacturing processes during a 3-month in-plant training at Lucas TVS. Assisted in implementing quality control measures that improved the reliability of spare parts. Contributed to the integration of a quality management system for optimizing the spare parts export process.