Sai Sri Lasya

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Summary

Dynamic full-stack developer with a proven ability to build engaging user interfaces using React. Possessing a strong foundation in machine learning, I am passionate about leveraging data to create innovative solutions. Skilled in crafting robust web applications while exploring the potential of ML algorithms to enhance user experiences and drive business value.

Education

Vellore Institute of Technology, Chennai — Chennai, TN
Bachelor of Technology in Computer Science and Engineering; Expected CGPA: 8.46 — *2022 – 2026*

Sri Chaitanya Jr College — Hyderabad, TS
Class 12th in MPC; Percentage: 97.6 — *2020 – 2022*

Skills

Languages: C, C++, Python, Java, Javascript
Web Technologies: HTML/CSS, React, Flask
Database: MySQL
Developer Tools: Git, GitHub, Robot Framework
AI/ML: Deep Learning, Neural Networks, TensorFlow
Interests: Current Affairs, AI, History, Staying updated with latest innovations in Tech

Experience

Technical Member — 2023 – 2024
Resource X Club — *VIT Chennai*

- Contributed to various technical projects and initiatives.
- Collaborated with team members to organize technical workshops and events.

Intern — Summer 2024
SmartInterz — *VIT Chennai*

- Completed internship, gaining practical industry exposure.
- Collaborated with team members on project development.
- Applied theoretical knowledge to real-world problem-solving.

Projects

Automated Weather Classification Using Transfer Learning
Technologies: Python, TensorFlow, Keras

- Developed a weather classification model utilizing transfer learning techniques, achieving an accuracy improvement of 12 percent compared to traditional models.
- Implemented using TensorFlow and Keras, resulting in a high-performance model with a 30 percent reduction in data requirement.

Face Emotion Prediction
Technologies: Python, OpenCV, TensorFlow

- Implemented a real-time emotion prediction system using TensorFlow and OpenCV, with an accuracy rate of 92 percent in detecting emotions.
- Achieved accurate emotion detection by leveraging deep learning techniques, reducing false positives by 15 percent.

Fire Fighting Robot
IoT Project

- Designed and developed a fire-fighting robot from concept to completion.
- Successfully integrated hardware and software components for optimal performance.

Certifications & Achievements

- **Spoken Tutorial Advanced C++ Training** - IIT Bombay *Dec 2022*
- **Spoken Tutorial Advanced Python Training** - IIT Bombay *Dec 2022*
- **Networking Essentials** - Cisco *Dec 2022*

Extracurriculars

Technical Team Member - ResourceX Club (VIT Chennai) *Jul - Sept 2023*

- Contributed as part of a team in designing and building the ResourceX Club website from the ground up.