SAI CHAITANYA KAGITA

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Summary

Enthusiastic and passionate Computer Science Undergraduate with a keen interest in Software Development, Full Stack Development, including both Frontend and Backend technologies. Demonstrates proficiency in creating intuitive, user-friendly interfaces and ensuring seamless user experiences. Possesses a solid understanding of software development principles, including Object-Oriented Programming, SDLC, Agile methodologies and test-driven development. Experienced in leveraging RESTful APIs to enhance application functionality and improve user interactions. Eager to contribute to dynamic projects and accelerate professional growth in the ever-evolving tech landscape.

Work Experience

Undergraduate Research Opportunities Project (UROP)   **August 2023 - December 2023**
SRM University, AP
- Developed a robust Student Attendance System utilizing Face Recognition technology.
- Contributed to the design and implementation of an automated solution to enhance attendance tracking accuracy.
- Utilized Python for system development and implemented face recognition using openCV library.

Frontend Development Intern   **June 2023 - July 2023**
IBM Skills Build Edunet Foundation
- Designed a movie website using HTML, CSS and JavaScript to enhance the overall user experience.
- Led the front-end development efforts to create a visually appealing user interface.
- Conducted thorough testing and debugging to resolve issues related to responsiveness and browser compatibility.

Projects

Real Estate using MERN Stack | HTML | CSS | React JS | Node JS | Express JS | MongoDB   **July 2024**
- Designed a scalable and responsive interface, ensuring seamless user experience across various devices and screen sizes.
- Implemented key features such as user authentication (JWT), profile management, post creation, search and filter functionality, real-time chat using Socket.io, and interactive map views for post locations.
- Emphasized secure data handling, robust error management, and efficient state management, providing a smooth and secure user interaction.

Car Pooling using MERN Stack | HTML | CSS | React JS | Node JS | Express JS | MongoDB   **March 2024**
- Designed a scalable and responsive front-end interface using React.js, ensuring seamless user interactions across devices.
- Engineered scalable backend services utilizing Node.js and Express.js to handle critical functionalities including user authentication, profile management, ride requests, and ride creation etc.

Student Attendance System | Python | Face Recognition   **December 2023**
- Developed a robust Student Attendance System utilizing Face Recognition technology.
- Utilized Python and the OpenCV library for implementing the face recognition feature.
- Automated attendance marking by recognizing student faces and recording attendance in an Excel sheet.

Skills

Programming Languages: Python, C++, Java(beginner)
Frontend Technologies: HTML, CSS, Bootstrap, Tailwind CSS, JavaScript, React JS, Vite JS
Backend Technologies: Node JS, Express JS, REST APIs, SQL/MySQL, MongoDB
Development Tools: Git, Github, Visual Studio Code, Pycharm, Jupiter Notebook, Postman
Other Skills: Problem Solving, Time Management, Communication Skills, Data Structures and Algorithms (DSA), Object Oriented Programming (OOPs), WordPress(basic), Computer Vision, Machine Learning, PowerBI

Education

SRM University, Guntur, Andhra Pradesh.   **Dec 2021 - Present**
B.Tech in Computer Science and Engineering   (CGPA: 8.48)

SASI Educational Institute, Velivennu, Andhra Pradesh.   **2019 - 2021**
Intermediate   (Percentage: 97.8)

Sri Chaitanya Em High School, Chintalapudi, Andhra Pradesh.   **2019**
Class X   (Percentage: 93.1)