

SAI CHAITANYA KAGITA

 Portfolio  Github  Linkedin  saichaitanya_kagita@srmap.edu.in  +91 9441816789

Summary

Enthusiastic, passionate, and detail-oriented Computer Science Undergraduate with a deep passion for Software Development, Full Stack Development, Artificial Intelligence and Machine Learning (AIML). Possesses a solid understanding of software development principles, including Object-Oriented Programming and Agile methodologies. 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 using React Leaflet Library for post locations.
- Emphasized secure data handling, robust error management, and efficient state management using modern React hooks and context API, providing a smooth and secure user interaction.

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.

Ping-Pong Game | Python | Computer Vision

December 2023

- Designed using Python and Computer Vision to create an interactive and dynamic gaming experience.
- Designed and implemented a scoring system, ensuring accurate point tracking and also achieved real-time interaction by continuously processing video frames to update the game state based on the detected ball and paddle positions.

Skills

Programming Languages: Python, C++, Java(Beginner)

Frontend Technologies: HTML, CSS, Bootstrap, JavaScript, React JS

Backend Technologies: Node JS, Express JS, APIs, SQL, MongoDB

Development Tools: Visual Studio Code, Git, Github, Pycharm, Jupiter Notebook

Other Skills: Problem Solving, Time Management, Communication Skills, Data Structures and Algorithms (DSA), Object Oriented Programming (OOPs), 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)