Vasanth Raam

✉ vasanthraam1@gmail.com   📞 75984 53733   📍 Trichy, Tamil Nadu

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G Certificates   🔗 Portfolio

PROFILE

A front-end developer passionate about building user-friendly websites. Skilled at solving problems and turning ideas into excellent digital experiences. Always eager to learn new things and improve skills. Enjoys working on creative and challenging projects. Committed to delivering high-quality results.

EDUCATION

SASTRA Deemed to be University, B.Tech Computer Science and Engineering ⬈   2021 – 2025
CGPA: 7.18   Thanjavur, India

Kamala Niketan Montessori School, Higher and Senior Secondary ⬈   2019 – 2021
80.6% in AISSCE   Trichy, India
85.4% in AISSE

SKILLS

Languages: — C++ │ Python │ HTML │ CSS │ JavaScript │ Node JS

Libraries & Frameworks — React JS │ Express JS │ jQuery │ Bootstrap │ Rest API

Version Control & Database — │ Git │ GitHub │ Unix Commands │ SQL │ MongoDB

Soft Skills — Critical Thinking │ Adaptability │ Reliability │ Teamwork

PROJECTS

Mini E Commerce Website
A basic clone of Amazon was built using Express.js and MongoDB for the backend, and React.js for the frontend. The Thunder Client tool was used to test the API responses created on the backend. Mongoose was used to connect the MongoDB database to the Node.js environment, enabling database interaction.

Prediction of Air Quality Index ⬈
Utilizing machine learning techniques, the dataset from the CPCB undergoes preprocessing.. The preprocessed dataset is then subjected to multiple feature selection algorithms to identify the most suitable features for the project. Several regression models are employed to determine the optimal algorithm and model for air quality prediction.

Web Portal for an Institution ⬈
A web portal is designed using HTML, CSS, JavaScript as a front end. Several frameworks includes Bootstrap and jQuery were used in order to focus on the specific aspects of the project rather than building everything from scratch and helps in reducing time.

Jump Counter ⬈
A Python program is developed using OpenCV and the Mediapipe module to access the camera and utilize a holistic approach for tracking. The program counts the number of jumps performed by the user, registering a jump only when it meets a specified condition.

SOCIAL ENGAGEMENTS

National Service Scheme, Member   2022 – 2025

SFOSS Club, Member   2023 – 2025

CERTIFICATES

Ultimate Front end Bootcamp	**Meta Version Control**	**Typewriting**
Udemy	Coursera	English and Tamil

LANGUAGES

English
Full professional proficiency

Hindi
Elementary proficiency

Tamil
Native proficiency