



# Vasanth Raam

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🌐 Vasanth Raam    🔄 VasanthRaam    📺 Vasanth Raam    🏠 VasanthRaam

📄 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 | Java (Basics).

**Data Management:** — Data Structures and Algorithms (Basics) | Database Management System (SQL).

**Frameworks & Libraries:** — Bootstrap | jQuery | Tkinter | Django | ReactJS

**Soft Skills** — Critical Thinking | Adaptability | Reliability

## PROJECTS

**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.

**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.

**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

**SFOSS Club**, Member 2023 – 2025

**National Service Scheme**, Member 2022 – 2025

## CERTIFICATES

|                                |   |   |
|--------------------------------|---|---|
| <b>C++ Essentials</b><br>Udemy | <b>Ultimate Front end Bootcamp</b><br>Udemy | <b>Typewriting</b><br>English and Tamil |
|--------------------------------|---|---|

## LANGUAGES

|   |  |                                    |
|---|--|------------------------------------|
| <b>English</b><br>Full professional proficiency | <b>Hindi</b><br>Elementary proficiency | <b>Tamil</b><br>Native proficiency |
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