SUBRAMANIAN I

subramanian10112003@gmail.com
7598972302
10/11/2003
Trichy
India

Creative and detail-oriented Frontend Developer with hands-on experience building responsive, user-friendly websites using HTML, CSS, and JavaScript. Successfully led a final year project on plant disease detection using YOLOv8, showcasing strong problem-solving and machine learning integration skills. Passionate about clean code, visual design, and delivering high-quality user experiences. Quick learner with strong teamwork and adaptability in dynamic environments.

Educations

HIGH SCHOOL

Mahatma Gandhi Centenary Vidhyalaya, Trichy

percentage: 79.2%

HIGHER SECONDARY

Cauvery Global Senior Secondary School, Trichy

Percentage: 76.4%

B.E ECE

Saranathan College of Engineering, Trichy

CGPA: 7.6

Languages

- TAMIL
- ENGLISH

Technical Skills

ENGINEERING TOOLS

MATLAB, ARDUINO IDE, XILINX VIVADO

LANGUAGES

HTML, CSS, JAVASCRIPT

Projects

SMART PUBLIC RESTROOM

- Developed a smart public restroom system using HTML, CSS, JavaScript, and IoT sensors to display real-time occupancy and environmental data.
- Integrated Arduino with ESP32 for automation and implemented features for hygiene, accessibility, and resource efficiency.

PLANT DISEASE DETECTION USING YOLO V8

- Implemented the YOLOv8 algorithm for real-time detection of tomato leaf diseases.
- Designed the system to identify and classify 10 common tomato leaf disease classes.
- Improved accuracy and speed compared to traditional disease detection methods.
- Aimed to assist farmers in early disease diagnosis to enhance crop yield and reduce losses.

Internships

EMBEDDED SYSTEMS – SD PRO SOLUTIONS

- Gained hands-on experience with microcontrollers like ESP8266 and NodeMCU
- Worked with various sensors including DHT11, flame sensors and water leak detectors
- Developed IoT-based applications using Arduino IDE, PlatformIO, and programmed in C/C++ and Python.
- Integrated cloud platforms like Blynk and ThingSpeak for real-time monitoring and control.

Interests

Web Design & User Interface

Responsive Web Development

Front-End Frameworks

Soft Skills

- Good Communication
- Cross Functional Team Collaboration
- Time Management
- Conflict Resolution
- Leadership
- Observant
- Adaptability
- Information Gathering

Extra Curricular-Activities

Participated in Badminton tournaments and have enhanced the capability for conflict resolution, communication and goal setting.