SANTHOSH S

Email id : santhosh.subramanianv@gmail.com

Phone no : +91-9025409819

OBJECTIVE

   I am Passionate about both hardware,software and innovative technologies, I am looking for an opportunity to apply my skills and expertise to drive company success. I am eager to contribute to the growth and development of an organisation, while continuously enhancing my abilities and advancing my professional growth.

EDUCATION

Course/Degree	Name of the institution	Board/university	Year of Passout	Percentage
BE-(Electrical and Electronics Engineering)	Muthayammal College of Engineering ,Rasipuram	Anna university	2022	7.4(CGPA)
HSC	Holy Children Matric Higher Secondary School	TN State Board	2018	70.7%
SSLC	Holy children matric hr sec school.	TN State Board	2016	55.6%

SOFTWARE KNOWLEDGE:

Hardware Development: PLC,MATLAB, Circuit JS, Tinkercad, Wokwi
IOT development : Arduino, Raspberry pi
Programming Languages: Python,C
Web Development: HTML5, CSS, JavaScript, SQL

PERSONAL SKILLS:

- Creativity
- Adaptability
- Team management
- Team work
- Leadership
- Communication
- Client Relationship Management

Projects:

1. Title: Power Distribution Monitoring and Control using PLC
   Role: Project Leader and Lead Consultant
   Description:
   ■ Led a team of 10 members to design and implement a power distribution monitoring and control system using PLCs.
   ■ Managed planning, task delegation, and ensured successful project execution.
   ■ Developed control logic for monitoring transformer oil levels, detecting system overloads, and automating power cut-off mechanisms.
   ■ Coordinated simulation, testing, and system integration for effective real-time monitoring.
   ■ Delivered regular updates to supervisors and guided the team through problem-solving processes.
   Technologies Used: PLC

2. Title: Smart Agriculture Monitoring and Control using PLC
   Role: Project Leader and Lead Consultant
   Description:
   ■ Led a team of 8 to design a smart agriculture system using PLCs.
   ■ Automated irrigation, monitored soil moisture, and controlled greenhouse environments.
   ■ Integrated sensors for real-time monitoring and efficient resource use.
   ■ Conducted testing, simulation, and ensured system reliability.
   ■ Provided regular updates to supervisors and guided the team.
   Technologies Used: PLC, Sensors (Soil Moisture, Temperature, Humidity)

3. Title: Smart Traffic Light Management using PLC
   Role: Project Leader and Lead Consultant
   Description:
   ■ Led a team of 8 to create a smart traffic light system using PLCs.
   ■ Automated signals based on vehicle density to reduce congestion.
   ■ Designed and tested control logic for smooth traffic flow.
   ■ Guided the team and provided regular updates to supervisors.
   Technologies Used: PLC, Sensors

INTERNSHIP:

- Two weeks internship on "Embedded System"Organised by Caliber Embedded Technology India Pvt Ltd, salem

PAPER PRESENTATION:

- Participation in National level paper presentation on "High voltage Direct current"at Salem college of technology,Salem(dt),Tamil nadu.

Workshop:

- Participated In one day workshop on "Gearing up for Industry 4.0 "conducted by a Electrical and Electronics Engineering on October 16,2021

CERTIFICATION:

- "IOT Concepts and Applications" with Enthu Technology Solutions India   Pvt Ltd on April 30, 2021.
- Compilation of python programing from 18th July 2021 to 6th August 2021 by "consensus academy"
- Compilation of UI/UX Designing and Web Development from 7th August 2021 to 27th August 2021 by "consensus academy"

PERSONAL DETAILS:

Father's Name   :Mr. V Subramanian

Mother's Name   :Mrs S Valarmathi

Date of Birth   :16:09:2001

Age   :23

Material Status   :Unmarried

Address   : 5/199 mettupatti(po),Vazhapadi(TK),Salem(DT),Tamil Nadu ,,636111

Language known :Tamil,English(Read, Write, Speak)

Nationality   :India

DECLARATION:

I hereby declare that the information stated above is true to the best of my knowledge.

DATE : 19/11/2024

PLACE : Salem   SANTHOSH S