

JAYA SURYA S

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[Linkedin](#)

EDUCATION

SRI SAIRAM ENGINEERING COLLEGE

ECE B.E

CGPA: 8.2

Chennai, India

2021 - 2025

ST JOSPEH'S MAT HR SEC SCHOOL

Secondary School

Percentage: 93.8%

Chennai, India

2018 - 2019

ST JOSPEH'S MAT HR SEC SCHOOL

Higher Secondary Physics, Maths & Chemistry

Percentage: 92.9%

Chennai, India

2019 - 2021

EXPERIENCE

Flowserve India Controls Pvt. Ltd. | Internship

1st August 2023 - 18th August 2023

Worked on PLC programming and automation tasks, contributing to system optimizations via scripting and automation tools.

Assisted in the development of software interfaces for automated machines.

NSIC | Internship

19th June 2024 - 5th July 2024

Designed and developed IoT applications using Python and Arduino, focusing on software integration and real-time data processing.

Gained experience in software programming for embedded systems, debugging, and testing.

Collaborated in a team environment, applying Agile principles to complete project milestones.

SKILLS

Programming Languages: Python, C (Basic), HTML, CSS

Tools / Platforms: GitHub, Visual Studio Code, Arduino

PROJECTS / OPEN-SOURCE

River Cleaning boat using conveyor belt

Developed software for an IoT-enabled river cleaning boat utilizing a conveyor system for debris removal.

Integrated sensors and controls via Python scripts for automated system responses, improving environmental data monitoring and processing.

Website Development Portfolio (HTML, CSS, JavaScript)

Built a responsive personal portfolio website showcasing projects and skills using HTML, CSS, and JavaScript.

Emphasized user-friendly design and efficient loading times through optimized code.

CERTIFICATIONS

- Introduction to Front-End Development - **Coursera**
- Programming Essentials in Python - **Cisco Networking Academy**
- Computer Networks and Internet Protocols - **NPTEL**

HONORS & AWARDS

- Participated in SDG Solvathon(2023), Innovathon(2024) : Demonstrated problem-solving skills in tech-driven challenges.