SATHISH KUMAR P

sathishpandiyan126@gmail.com | +91 9629463964 | 436,MGR Nagar ,Chithur,Pudukottai-622002

PORTFOLIO | GITHUB | LINKEDIN

EDUCATION

PSG COLLEGE OF TECHNOLOGY   SEP-2022 - MAY-2026
PRODUCTION ENGINEERING BE   Tamil Nadu,India
CGPA: 7.08.

VCV GOVT HIGH SEC SCHOOL   SEP-2020 - JUL-2022
CS-MATH-CHEM-PHY HSC   Tamil Nadu,India
Percentage: 89%

GHS SARAVANAMPATTI   JUL-2015 - MAY-2020
SSLC   Tamil Nadu,India
Percentage: 79%

EXPERIENCE

PSG TECH-OPEN LAB | STUDENT MEMBER   Tamil Nadu,India | NOV-2023 – JULY-2024

Selected for Robocon 2024 at IIT Delhi, an Asia-level event. Cleared Stage 1 (design documentation) and Stage 2 (prototype video) among 1000+ teams in India, securing a top 50 spot. Developed two robots: one autonomous and one manual. As Control Engineer, I wrote code for ball identification, tracking, and robot movement using YOLO Models

INDIAN SOCIETY FOR TECHNICAL EDUCATION | MEMBER   Tamil Nadu,India | NOV-2023 – Present

Contributing to the development of India's future engineers and technicians as an active member of the ISTE.

THEFIXERS | DEVELOPER   Tamil Nadu,India | MAY-2024 – Present

At The Fixers, we provide comprehensive web development services, from custom websites and e-commerce solutions to SEO and maintenance.

CODING CLUB PSG TECH | OFFICE BEARERS   Tamil Nadu,India | JULY-2024 – Present

I am planning to conduct a technical event for the Mechanical and Allied Departments

PSG TECH STUDENTS UNION | CORE TEAM   Tamil Nadu,India | AUG-2024 – Present

Web and App Development Team(*frontend)

SKILLS

PROGRAMMING LANGUAGES	C, Python, JavaScript, PLC
LIBRARIES/FRAMEWORKS	Bootstrap, Angular, Tailwind css, Node Js, Express Js, React Js
TOOLS / PLATFORMS	Git, VS Code, Colab

PROJECTS / OPEN-SOURCE

LOGIN-PAGE-WITH-DATABASE | LINK   PHP,CSS,JavaScript

PORTFOLIO | LINK   React Js

DEPARTMENT TECHFEST PLATFORM | LINK   React Js , Tailwind CSS

PNEUMATIC SORTING SYSTEM WITH TWO-WAY COMMUNICATION

COLLEGE TECHFEST PAGE	Link	Express JS, Tailwind css
DEPARTMENT RESOURCE PLATFORM	Link	HTML,Tailwind CSS
DIGITAL AGENCY PLATFORM	Link	HTML,Tailwind CSS
DAILY TRACK PAGE	Link	HTML,CSS,JavaScript,Type Script

CERTIFICATIONS

- Introduction to Front-End Development - META
- JavaScript(Basic) - HACKERRANK
- CSS(basic) - HACKERRANK
- Problem Solving(Basic) - HACKERRANK
- Python(Basic) - HACKERRANK
- Foundations of Cybersecurity - GOOGLE
- JANATICS AUTOMATION SKILL CHALLENGE - JANATICS INDIA PRIVATE LTD.

HONORS & AWARDS

- Received the Best Student Award from Dr. Ashok Bakthavathsalam (Managing Trustee - KGiSL Trust) for securing the First marks among 150+ students in the +2 exam.
- Winner, Robotics Premier League, Department of Production Engineering-PSG TECH,1st place, 4,000 prize.
- Completed maze-solving task at IITM's Micromouse event, showcasing bot's functionality; despite completion, event was not won due to extended time taken.
- Winner, RoboGlitz'24 Competition, Robotics and Automation Engineering Association-PSG TECH, 1st place, 2,500 cash prize. Designed and built wired-controlled robot.
- Achieved Runner-up position in Robo War at IIT Madras Shaastra 2025 and won a cash prize of 24,000 for demonstrating advanced robotics and strategic excellence.
- Participated in Robo Oceana, Robo Soccer, and Robo Run events at IITM Shaastra 2025. Our team reached the semifinals in Robo Soccer, demonstrating strong performance and strategy. Each event showcased our bot's functionality and competitive spirit
- Runner, RoboGlitz'25 Competition, Robotics and Automation Engineering Association-PSG TECH, 1st place, 2,500 cash prize. Designed and built wired-controlled robot.