SATHISH K

📞 +91 914814860 ✉ 24mu06@psgtech.ac.in 📍 Tiruppur - 641666

💻 https://sathbis.github.io/portfolio-/ ⑂ https://github.com/Sathbis

EDUCATION

Bachelor of Engineering

Bannari Amman Institute of Technology - 2020 to 2024
CGPA - 7.5

Master of Engineering

PSG College of Technology - 2024 to 2026
CGPA - 8.47*

LANGUAGE

- English
- Tamil

AREA OF INTREST

- ·Linux
- ·RTOS
- ·Firmware Development
- ·Web Development

SOFT SKILLS

- Management Skills
- Critical Thinking
- Communication Skills
- Digital Marketing

WORK AT COLLEGE

Student skill Trainer , C Programming, Python

March 2022- May 2025

Impellz - 2k23

12 th November - 2023

PROFILE

I aim to build innovative solutions that bridge real-world needs with efficient digital systems. With a strong foundation in areas like software development, and system design, I seek opportunities to grow in fast-paced environments that value continuous learning and practical impact.

PROJECTS

Digital signature verification   May 2021- July 2021

predict the signature by its past data and analysis that itsiscorrect or not.

AI-Based Task Management in RTOS   March 2025 - June 2025

Management in RTOS: Designed and implemented a task scheduling system for a Real-Time Operating System using AI to predict task priorities and optimizeCPUutilization under kernel-level constraints

AI-Driven GUI Terminal in Linux   March 2025 - June 2025

Developed an AI-powered terminal interface for Linux that enhances user interaction through intelligent suggestions, command prediction, and real-time system monitoring

ACHIVEMENTS

Emergency Autopilot in Car - Patent   **27 th November - 2022**

Participated in Smart India Hackathon upto final round   **March 2022 - August 2022**

Cross-Platform Code Generation and Device Level Automation   **March 2025 - Ongoing**

ONLINE COURSES

System Composer Onramp - Matlab   **15 th July- 2025**

Python Programming - Self Placed Training   **March 2023 - May2023**

TECHNICAL SKILLS

- **Programming Skills** – C, C++,
- **Platforms** – Keil uvision-5, Energeia,, Arduino IDE Linux.
- **Boards** – Stm32 Boards , RaspberryPi, Tiva C Series, BeagleBone AI
- **Communication Protocols** - CAN, Bluethooth, RFID
- **Web Development** – React JS, Node JS, PostgreSQL, MySQL

DECLARATION

I Sathish K hereby confirm that the information given above details is true to the best of my knowledge

Place: Date: