

SATHISH M

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Kurumbur,

Thoothukudi-628207

CAREER OBJECTIVE

A motivated B.Tech Information Technology student with a strong interest in software development, Java programming, and problem-solving, aiming to build scalable and impactful applications in a product-based environment.

ACADEMIC DETAILS

B.Tech Information Technology

Francis Xavier Engineering College [2024 - Present] | GPA : 8.9

HSC

Kamlavati Higher Secondary School [2024] | Percentage : 80.2%

SSLC

Kamlavati Higher Secondary School [2022] | Percentage : 76.3%

TECHNICAL SKILLS

Programming: Java, C, Python

Frontend: HTML, CSS, JavaScript

Database & Tools: MySQL (Basics), VS Code, GitHub

PROJECTS

Secure Steps – IoT Fall Detection System (April 2026)

- Developed a wearable fall-detection system using ESP8266 and ADXL345 sensor.
- Integrated Twilio cloud services to trigger real-time emergency alerts and WiFi disconnection warnings.
- Focused on reliability, quick response, and elderly safety use cases.

Waste Management System (Apr 2025)

- Built a web-based system to classify waste as biodegradable and non-biodegradable.
- Designed a simple and user-friendly interface to promote environmental awareness and proper waste segregation.

CERTIFICATIONS

- Photoshop Training – Creative Design Basics
- Data Analysis using Excel – Great Learning
- NPTEL: The Joy of Computing Using Python – 88%

ACHIEVEMENTS

- Awarded **Rajya Puraskar** for excellence in Scouts & Guides, recognizing leadership, discipline, and community service.
- Won 2nd Prize at AURA (Intra-College Hackathon 2025) for Secure Steps – IoT Fall Detection System.
- Won 1st Prize in Paper Presentation at Holy Cross Engineering College (2024).
- Won 3rd Prize in Ideathon (NEC SYNAPX' 26) at National Engineering College.

STRENGTHS

- Strong problem-solving and analytical thinking
- Effective teamwork and collaboration skills
- Ability to work independently and in a team-oriented environment

LANGUAGES KNOWN

- English
- Tamil