



TAMILSELVAN .M

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EDUCATION:

B.E.,	Electronics and Communication Engineering Sri Eshwar College of Engineering, Kinathukadavu, Coimbatore – 641202 (2023-2027)	CGPA:7.5
HSE	Vidhya Vikashni Matric Higher Secondary School , Tirupur HSE +2 (2022-2023) (Stream – Mathematics, Physics, Chemistry, Computer Science)	Percentage:76.83%
SSLC	Vidhya Vikashni Matric Higher Secondary School , Tirupur (2020-2021)	Percentage: NIL

PROJECTS

NAVI BOT [GITHUB](#)

TECH STACK:EMBBED IOT

Created an ESP32-powered navigation bot to help people with disabilities navigate indoor spaces. By identifying the MAC address of a particular target, like a BLE HM-10 module, the bot navigates toward it using BLE technology and RSSI values. The goal of this project is to give consumers access to an inexpensive, user-friendly indoor navigation system that facilitates their efficient movement toward designated areas or items. By reading real-time RSSI data for directional control, the bot assures accurate localization and mobility.

HAZADAROUS GAS DETECTION [GITHUB](#)

TECH STACK :EMBBED IOT

Designed a microcontroller-based toxic gas detection and alert system for enhanced safety in industries, homes, and offices. The system uses sensors to monitor hazardous gases like LPG and propane, displaying levels on an LCD. If gas levels exceed safety thresholds, it triggers an alarm and sends SMS alerts via Node MCU, ensuring fast response and precise detection for quick emergency action.

CERTIFICATIONS:

1. JavaScript for Beginners -The Complete introduction to JS [Udemy]
2. HTML5 ,Python, Flash Framework All in one Complete Course [Udemy]
3. CSS Crash Course For Beginners [Udemy]

ACHIEVEMENTS:

1. Winners In Code Fest C-Buildathon – Bank Management System:

I achieved victory in an event hosted by my college through collaborative teamwork, diligent effort, and proficient coding expertise demonstrated by my team.

2. Participation In InnoHacks In PSG – Advanced Pulse Detector:

I participated in a hackathon event at PSG and successfully advanced to the final round. Although we didn't emerge victorious, the experience gained alongside my teammates was invaluable.

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4. articipation in HackFest'24 in KPR – Electricity generation using piezoelectric sensor:

I participated in a hackathon event at KPR. Although we didn't emerge victorious, the experience gained alongside my teammates was invaluable.

SKILLS:

Programing Languages:	C, C++, Python, HTML, CSS, JS
Soft-Skills:	Communication, Real-Time Problem Solving, Leadership, Project Management, Team Player.
Languages known:	Tamil, English.