



## KEY EXPERTISE

VHDL

System Verilog

Java

Python

C

DSA

Oops

## EDUCATION

**SRM Institute of Science & Technology, Tiruchirappalli**

2022-2026

B.Tech -Electronics & Communication Engineering || CGPA : **9.02/10**

**Government Higher Secondary School, Lalgudi**

2022

12<sup>th</sup> || TNSB || Percentage: **73.67**

**Sri Mahadeva Gururji Matriculation Higher Secondary School, Thiruvavur**

2020

10<sup>th</sup> || TNSB || Percentage: **82.67**

## PROJECTS

**Yog-Mithra – A Smart Yoga mat**

16 Aug – 15 Oct 2024

**Key Skills:**

Microcontroller

Embedded System

IOT

Python

Firebase

**Yog-Mithra** is an AI-integrated smart yoga mat that provides real-time posture correction and progress tracking. It combines sensors, smart watch connectivity, and expert yoga content to enhance users' yoga practice affordably.

**Meat Freshness Detector**

09 Feb – 24 Jun 2024

It ensures optimal food safety by using sensors to monitor the quality of meat in real-time, detecting spoilage and alerting users when freshness declines.

## ACHIEVEMENTS

Secured second position in **VIT-Techno VIT (Paper Presentation)**

2023

Top 5/64 NIT Puducherry – Hackathon

2024

## ASSESSMENTS / CERTIFICATIONS

**Introduction To Machine Learning on NPTEL**

**Key Skills:**

Machine Learning

**Python For Datascience**

**Key Skills:**

NumPy

Pandas

Matplotlib

Python

**Verilog for an FPGA Engineer**

**Key Skills:**

VHDL

System Verilog

FGPA

## EXTRA CURRICULAR ACTIVITIES

- Led content creation and editing for **Tamilan Gaming**, a YouTube channel with **100,000+ subscribers**, showcasing expertise in video production and audience engagement.
- Actively involved in **IoT projects**, and **PC building**.