

K. Kamalesh

Contact Information

- Phone: 6383381914
- Email: kamalesh1330s@gmail.com
- LinkedIn: <https://www.linkedin.com/in/kamalesh-k-068a69319/>
- GitHub: <https://github.com/Kamalesh1330>
- Portfolio: <https://kamalesh1330.github.io/Portfolio/>
- Location: kovilpatti, Tamil Nadu.

Professional Summary

Seeking an internship or entry-level position that allows me to apply my skills in hardware segments like Digital electronics, VLSI and Embedded to real-world problems. Eager to leverage technical expertise to create innovative hardware solutions that enhance user experiences and bridge the gap between hardware.

Skills

- Technical Skills: Digital Electronics, VLSI, Embedded System
- Soft Skills: Problem solving, Self-learner
- Tools/Technologies: Arduino IDE, TinkerCAD, ModelSim Xilinx

Professional Experience

- **Entudio Pvt Ltd, Tirunelveli.**

26.06.2024 – 03.07.2024

Learned about microcontrollers and various sensors

Develop a projects using of microcontrollers

- **Taras Systems and Solutions, Coimbatore .**

24.12.2024 – 03.01.2025

Gained hands on experience in Embedded and IoT

Learned about the coding for microcontrollers in Adrduino IDE

Education

B.E– P. S. R. Engineering College, Sivaksi.

2022 – 2026

Electronics and Communication Engineering

CGPA: 7.47

HSC–71%

John Bosco Matric. Hr. Sec School, Kovilpatti.

2022

SSLC– 72%

John Bosco Matric. Hr. Sec School, Kovilpatti.

2020

Projects

Farm Guard

- Develop a real time animal detector in the farm lands with the help of raspberry pi and camera module it used to detect the animals and GSM used to send SMS to the farmer.It helps to detect the animal and give alert when it comes into the camera range.
- Develop a real time patient monitoring system using temperature sensor,pulse sensor,spo2 sensor used to monitor the patient health,if the health rise above from the normal it send alert message to the relatives.

Certifications

- Won 1st prize in ideathon for presentation of our project in SRM University, Ramapuram, Chennai.
 - Won 3rd prize in National Level Technical Symposium for paper presentation of our project in National Engineering College, Kovilpatti.
 - Completed NPTEL course in the domain of Introduction of IoT with Elite Silver.
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