

SEKAR D



+91 7845297741



sekardurai142003@gmail.com



www.linkedin.com/in/sekar-d



<https://github.com/sekar200309>

PROFILE

To add value to our organization with the help of my active learning skills, and also to work with the fullest effort for the growth of the company and growth of my career.

SKILLS

- C
- Python
- HTML & CSS
- JavaScript

AREA OF INTEREST

- Embedded System
- Web Development
- Networking

PROJECTS

SMART DUSTBIN

We've created a smart dustbin, harnessing IoT tech. With two ultrasonic sensors detecting objects within 0.5 meters, it automates the lid opening via a servo motor. Plus, the GSM module sends SMS alerts when the bin's full. This innovation boosts waste management efficiency and promotes a cleaner environment.

SMART SOIL ANALYSIS

We've engineered the Smart Soil Analysis System, powered by IoT. This system employs various sensors, including moisture and pH, to analyze soil conditions in real-time. Utilizing a user-friendly web platform, it offers tailored plant recommendations and supports informed decision-making for farmers.

WATER MANAGEMENT NETWORK

This project focused on real-time water monitoring. Designed and implemented hardware for monitoring water level, pH, and pipeline monitoring, breakage, and leakage detection with SMS alerts. Developed a user-friendly web interface using HTML, CSS, JavaScript, and React.js. Collaborated with a team to successfully implement the Water Management Network, showcasing teamwork and problem-solving skills..

EDUCATION

KNOWLEDGE INSTITUTE OF TECHNOLOGY

Electronics and Communication Engineering
Scored 7.43 CGPA (upto 5th Sem)
2021 - 2025

VETHATHIRI MAHARISHI MATRIC HR SEC SCHOOL

HSC
Scored 74%
2021

SALEM HI-TECH MATRIC HIGH SCHOOL

SSLC
Scored 63%
2019

COURSES

- Python by Telusko
- HTML & CSS by Cisco Thingqinator
- Internet Of Things by IBM

PAPER PRESENTATION

I presented a technical paper titled **Chat-GPT for Blockchain** at Cyber Lane 2023, an event conducted by Mahendra Engineering College on March 2, 2023.

EXTRA CURRICULAR ACTIVITIES

Successfully conducted the Inter College Symposium **IMAGE 2k23**, which attracted over **500 participants** from across the other colleges.

ACHIEVEMENT

- I achieved first place in the product-making competition at Knowledge Institute of Technology for IOT Based **Smart Dustbin**.
- I achieved 2nd place in istart hackathon for the project **Water Management Network**.

WORKSHOP

ThingSpeak For IOT

I successfully completed a one-day ThingSpeak workshop. It was an enlightening experience where I learned about the ESP32, becoming skilled in connecting them to the cloud for data collection and analysis. This newfound knowledge is a significant boost for my IoT projects, enabling exciting innovations.

PCB Design

I'm successfully completed a workshop on the fundamentals of PCB design using Proteus software. This workshop equipped me with the essential skills and knowledge to create and simulate printed circuit boards for electronic projects.

INTERNSHIP

Embedded System With IOT

I successfully completed a two-week internship at NSIC (Chennai) in the domain of Embedded Systems with IoT. During this internship, I learned how to build power supplies and design PCB.

Web Development and Digital Marketing

I successfully completed a one-week internship at Luisant Software Solution in the domain of Web Development and Digital Marketing. During this internship, I learned how to build websites and effectively market them.

Declaration

I hereby declare that all the information provided above is true and accurate to the best of my knowledge.