SURENTHIRAN M

Cuddalore, Tamil Nadu | +91 7092406823 | surenthiransoftware@gamil.com |Linkedin.com/surenthiran

PROFESSIONAL SUMMARY:

An Electronics and Communication Engineer specializing in chip design, with expertise in developing and optimizing electronic systems and communication networks. Proficient in circuit design, signal processing, and wireless communication technologies. Skilled in troubleshooting, testing, and maintaining electronic devices. Strong analytical skills with hands-on experience in embedded systems and IoT applications, with a focus on advanced chip architecture and design optimization.

KEY SKILLS:

Hardware skills: MATLAB,VHDL, PCB Design ,
Frontend: HTML, CSS, Bootstrap, Tailwind CSS, JavaScript, React.js
Backend: Python ,Node.js, REST APIs
Databases: MongoDB, MYSQL
Version Control & Tools: Git, GitHub,VS Code
Other skills: Problem-Solving, Debugging, API Integration

EDUCATION:

B.E Electronics And Communication Engineering

MRK Institute of Technology - Kattumannarkovil.   **CGPA   7.89**

(HSC) - Vallalar Gurukulam Higher Secondary School – Vadalur   **81%**

PROJECT:

- **IOUT Powerd Realtime Flood Rescue And Alert System**
  BE (ECE) / 8th Semester – Project

- **Priority based pre-booking system for EV charging stations and enabling emergency vehicle accessibility –** BE (ECE) / 7th Semester - Project

- **Smoke and Gas Detection System Using IOT**
  BE (ECE) / 6th Semester – Naan Mudhalvan Course Project

- **Adavnce Medical Services System based on AI using IOT**
  BE (ECE) / 6th Semester – Project

CERTIFICATES:

1. **Annai Teresa College of Engineering - Paper presentation** -2nd prize in 27 April 2024

2. **Sri Manakula Vinayagar Engineering** College - **Project Expo("INNOVATORS DAY")** in 14 Sep 2024

3. **MRK Institute of Technology-HACKATHON ("TECHFUSE 2K24")** in 26 Sep 2024

4. **LOYOLA-ICAM College Of Engineering & Technology - Paper presentation ("SLICE-2K24")** in 28 Sep 2024