Karpaga Vanitha B

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Objective

Passionate about leveraging my technical skills to solve complex problems and develop impactful solutions. Seeking opportunities to contribute to innovative projects in a collaborative, growth-oriented environment.

Education

Ramco Institute of Technology   Expected: 2025
B.E. in Electronics and Communication Engineering (ECE)
CGPA: 7.19 (up to 5th semester)

Viveka Matric Hr. Sec. School   2021
12th Grade - 87%

Viveka Matric Hr. Sec. School   2019
10th Grade - 88%

Skills

- **Programming Languages:** Python, C
- **Web Development:** HTML, CSS, JavaScript

Projects

Motion Sensor Light Switching Using CD4017 & IR Sensor
Activated lights based on motion detection by programming the microcontroller to handle sensor data and control responses.

Health Monitoring System
Developed a health monitoring system using Arduino and various sensors. Programmed the Arduino to process and display health metrics such as heart rate and temperature.

Internship

Web Development Intern   Astro Web Solutions, Madurai
Completed an internship focused on web development, working on various projects and enhancing technical skills.

Certifications

- Introduction to C
- Basics of Python Programming – Infosys Springboard

Workshops

- IoT Workshop, Department of Electronics and Communication Engineering at Francis Xavier Engineering College
- Indigenous 5G and 6G, Anna University Regional Campus

Achievements

- Won 3rd prize in Circuit Debugging at a Regional Level Symposium, Anna University Regional Campus, Tirunelveli
- Won 2nd prize in Treasure Hunt at National Level Technical Symposium, Francis Xavier Engineering College, Tirunelveli

Declaration

I hereby declare that the above information is correct and true to the best of my knowledge and belief.