Shanmugapriya

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Career Objective

To obtain an internship position where I can apply my knowledge of web development and enhance my skills in HTML, CSS, and basic programming.

Education

B.Tech IT Knowledge Institute of

Technology , Salem Year: 2025 (2nd Year)

Skills

C ,C++

HTML(basic)

Css(basic)

Projects

1. Motionsensorlight:

A motion sensor light automatically turns on when movement is detected nearby. It uses sensors like PIR (Passive Infrared) to sense body heat and motion. This helps save energy by switching off when no movement is detected. It is commonly used in security lighting, corridors, and outdoor areas. Motion sensor lights improve safety, convenience, and energy efficiency.

2. Solar Tracking system:

A solar tracking system automatically moves a solar panel to face the sun throughout the day, increasing energy capture. It uses light sensors (LDRs) to detect sunlight direction and a motor to rotate the panel. The system can be single-axis or dual-axis, depending on the movement needed. By following the sun's path, it improves efficiency by 20–40% compared to fixed panels. It is widely used in solar farms, street lights, and irrigation pumps. This helps in sustainable and efficient solar power generation.

Certificate

Web Development Internship - CodSoft

Languages Known

- English

- Tamil