

SUDHAGAR M

PYTHON || C , C++ || HTML || SQL ||

✉ sudhagarmurugan06@gmail.com ☎ 6369209187 📍 Coimbatore

🌐 www.linkedin.com/in/sudhagar-m-323117333 🔄 <https://github.com/sudhagar25>

🔗 https://leetcode.com/u/sudhagar_25/ ♂ MALE 📅 06/05/2007

EDUCATION

B.Tech Information Technology, Rathinam Technical Campus 2028
Currently Pursuing – Second Year Current Overall CGPA: 8 Graduation: 2028 Coimbatore

HSC (12th Grade), AKT ACADEMY MATRIC HIGHER SECONDARY SCHOOL 2024
Percentage: 70.1% Year of Completion: 2024 KALLAKURICHI

SKILLS

Programming Languages

- C
- C++
- Python
- Html
- Sql

Tools

- Git & GitHub
- VS Code
- Linux
- MySQL
- Docker

Web Development

- HTML
- CSS

Frameworks & Libraries

- Python Standard Library

Soft Skills

- Problem Solving
- Creativity
- Team Collaboration
- Fast Learner

Interest Areas

- Full-Stack Development
- Java & Python
- Cybersecurity
- Linux
- Problem Solving

PROJECTS

EcoMeter – AI-Enabled Real-Time Energy Monitoring System for MSMEs

EcoMeter is an AI-enabled energy monitoring system designed for MSMEs to track real-time electricity usage of machines using an ESP32 microcontroller and an ACS712 current sensor. It provides live monitoring through a cloud dashboard using a mobile hotspot and also supports offline access via a local web interface in Access Point mode. The system uses basic AI-based analysis to identify unusual power consumption patterns and help businesses improve energy efficiency in a low-cost and flexible way.

CO-CURRICULUM

- NPTEL – The Joy of Computing Using Python, Secured Certificate with 58% score.
- I attended a hands-on session on using modern AI tools.
- Engaged in tech events and idea presentations.