

# SUDHAGAR M

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

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 [www.linkedin.com/in/sudhagar-m-323117333](https://www.linkedin.com/in/sudhagar-m-323117333)  <https://github.com/sudhagar25>

 [https://leetcode.com/u/sudhagar\\_25/](https://leetcode.com/u/sudhagar_25/)  MALE  06/05/2007

## EDUCATION

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### 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

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### Programming Languages

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

### Frameworks & Libraries

- Python Standard Library

### Tools

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

### Soft Skills

- Problem Solving
- Creativity
- Team Collaboration
- Fast Learner

### Web Development

- HTML
- CSS

### Interest Areas

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

## PROJECTS

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### 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

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- 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.