**MARIA THOMAS**

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Github: <https://github.com/mariathecreator>

Kottayam, Kerala

**ACADAMIC PROJECT**

**Final Year Project: Vehicle Accident Detection and Alert System (**01/2023 – 06/2023)

* Documented and functionally analyzed an Arduino-based IoT system for real-time vehicle accident detection.
* Worked with sensors like GPS, GSM, and accelero-gyro modules integrated via Arduino UNO.

**IoT-Based Car Parking System (**09/2023 – 05/2024)

* Prepared structured documentation and participated in system planning.
* Assisted in Django backend setup with ESP32 and ultrasonic sensor integration for real-time parking management.

**EXPERIENCE**

**Personal Portfolio Website**

* Developed and designed a responsive HTML/CSS portfolio site to showcase projects and contact details.
* Hosted live at: <https://mariathecreator.github.io/my-profile/>

**EDUCATION**

**B.Tech in Computer Science & Engineering**  
Mangalam College of Engineering, Ettumanoor | CGPA: 4.0 | 2020–2024

**Higher Secondary**

St. Sebastian’s HSS, Ayarkunnam | Percentage: 71% | 2018–2020

**SKILLS**

Coding: C, HTML, CSS

Tools: VS Code, Git (basic), Arduino

Core Concepts: IoT, Web Design, Technical Documentation

**CERTIFICATIONS**Cloud Computing with AWS (AWS-C004) – Cognizant Foundation Tech4All Program

Grade B | Feb 2023 – Jun 2023

**ACHIEVEMENTS**

* District Level Winner – Young Innovators Programme 4.0  
  Project: Nerissa – Addressed environmental concerns from water hyacinth by converting it into useful material.
* Conference Presenter – ICCIDT 2K24  
  Presented IoT-Based Car Parking System at Mangalam College of Engineering.