**SARVESHWARAN.G**

**PROFILE**

An Engineer majoring in the field of Electrical and Computer Science fondly anticipated to hone my expertise in Data science and Machine Learning and looking for a responsible position to gain practical experience. Dedicate, energetic and motivated team player seeking a career that would enable me to utilize into the field.

**EDUCATION**

* **B.Tech** **Electrical and Computer Engineering**

**CGPA – 8.26 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 82.4% **2019**

Institution: Chennai Public School

* **Class 10** – 96% **2017**

Institution: Chennai Public School

**TECHNICAL INTERESTS**

Internet of Things

Data Structure and Algorithm  
Database Management

**PROJECTS**

**Gas Detecting Sensor**  
·Duration/Period: June 2021  
·Objective: To create a gas detecting sensor using MQ2 Sensor and PIC16F877A Microcontroller·Tools or techniques used: Proteus (Circuit Designing) and MPLab (Programming)  
·Outcome: A working gas detector is created

**Chocolate wrapper sensor and counter machine**

·Duration/Period: August 2020  
·Objective: To create a chocolate wrapper checker using capacitive senor and counter using IR sensor.

·Tools or techniques used: Multisim (Circuit Designing)·Outcome: A working model is created through simulation

**Car reverse Monitoring system**  
·Duration/Period: November 2021  
·Objective: A system that uses Sensors to detect  
·Tools or techniques used: Proteus (Circuit Designing) and Keil (Programming)·Outcome: A working Digital Model is Simulated

**Medical Consultant Website application**  
·Duration/Period: November 2021  
·Objective: A website that can be used by hospitals to make appointments for patients with doctors·Tools or techniques used: Python (Programming) and Java Script (Front-end)  
·Outcome: A working Website is implemented

**OMR answer sheet Scanner**  
·Duration/Period: May 2022  
·Objective: To create a Software that can scan and print marks in an OMR sheet·Tools or techniques used: Python (Programming) & Image Processing   
·Outcome: A working program is implemented

**TECHNICAL SKILLS**

#C, C++, Python, MySQL, MATLAB, Simulink, Proteus, NI Multisim, MPLab X IDE, Keil IDE, NetSim

**INTERNSHIP**

**Integral Coach Factory, Chennai  
·**Duration/Period: 7 Days  
·Objective: Coach assembly in Electrical department  
·Outcome: Complete Idea of factory working and technical Knowledge

**LANGUAGES**

English, Tamil, Hindi, Japanese