

Saravanakumar V

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EDUCATION

Kamaraj College of Engineering and Technology, VIRUTHUNAGAR

2021-pursuing

B.E, Electronics and Communication Engineering

7.55 CGPA *

Government Higher Secondary School, ILUPPAIYUR

2020 - 2021

HSC - 77.1 %

Government Higher Secondary School, ILUPPAIYUR

2018 - 2019

SSLC - 65%

LINKS

- 🌐 LinkedIn : [Saravanakumar_V](#)
- 🐙 Github : [Saravanakumar_Dev](#)
- 📊 SkillRack : [Saravana_Programmer](#)
- 🏆 LeetCode : [Saravana_Programmer](#)

SKILLS

Intermediate:

- C Programming [[Link](#)]
- Python [[Link](#)]
- Java [[Link](#)]
- C++
- Figma

Beginner:

- IoT using NodeMCU & Arduino [[Link](#)]
- MySQL
- HTML

AREA OF INTEREST

- Internet of Things
- DSA

RESPONSIBILITIES

- Student Coordinator in the College NSS Club since 2022
- NSS Volunteer
- TQI Volunteer

PROJECT

Greenhouse Monitoring and Controlling System Using IoT | C++ | NodeMCU [[Link](#)]

- Enhanced plant growth and yield by creating a smart system that optimizes greenhouse conditions through sensors monitoring environmental factors and actuators maintaining ideal conditions, with real-time data, remote control, and alerts provided via a mobile app.

Autonomous car [[Link](#)]

C++ | Arduino

- Enabled precise path following by developing an autonomous line follower robot using infrared sensors and control algorithms, resulting in a functional and efficient system for navigating predefined paths.

ACHIEVEMENT

- Completed an Internship in Python programming offered by Sayur Tech from Feb to July 2024.
- Won **1st** prize in the "GENESIS'23" **Tech-quiz** organized by Kamaraj College of Engineering and Technology on 15th February 2023.
- Participated in a **Cloud Computing workshop** in the "IMAGE'23", A National level symposium organized by the Knowledge institute of Technology on 21th March 2023.
- Participated in a **Paper presentation** on the topic of Renewable Energy in the "ELEMENT 2K22" organized by Sri Ramakrishna Engineering College On 22th September 2022.

CERTIFICATION

- Certification of completion in **Front-End Development** from 11-06-2023 to 11-07-2023.
- Certification of completion in **State level NSS camp** from 05-02-2023 to 11-02-2023.
- Certification of completion in **Internet of Things** in January 2023.
- Attended a 12-week workshop to **promote gender equality and prevent child abuse** organized by Sakshi and ministry of Youth Affairs and Sports in 2023.
- Certification of completion in **Embedded System** from 19- 12-2022 to 25-12-2022.