

# SIVAKUMAR R C

Electrical Engineer

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## Profiles

[in Sivakumar-R-C](#)

## Skills

### Programming

C, Python

### Web Development

HTML5, CSS

### M S Office

### My SQL

### AutoCAD

## Areas of Interest

### Web Development

HTML, CSS

### AutoCAD Design

## Languages

### English

### Tamil

### Sourashtra

## Tools

### VS Code

### AutoCAD

### MATLAB Simulation

## Hobbies

### Listening Music

### Video Editing

## Internship

Java Programming Internship at  
CodSoft

## Personal Traits

- Professional

- Loyalty

-Enthusiastic

## Summary

Currently pursuing a degree in Electrical and Electronics Engineering with a solid foundation in circuit design, power systems, renewable energy technologies, and proficiency in C and Python. Eager to apply academic knowledge to real-world projects and contribute to innovative solutions in both electrical engineering and software development.

## Education

**K.L.N. College of Engineering** **2021 - 2025**  
8.05 CGPA ( Upto 6th Semester) **B.E.EEE**

**Sourashtra Boys Higher Secondary School, Madurai** **2020-2021**  
79.1 % **HSC**

**Good Luck Matriculation High School, Madurai** **2018-2019**  
76.4 % **SSLC**

## Certifications

**Cloud Computing** **October 2023**  
NPTEL

**M S Excel** **June 2024**  
Skillstech

**Spoken Tutorial -C Programming** **November 2022**  
IIT Bombay

**Spoken Tutorial -Arduino** **November 2023**  
IIT Bombay

## Projects

### Voice Controlled Robot

Project Leader

Development of a versatile, voice-controlled robot using Arduino Uno, integrating manual, voice, and autonomous modes for enhanced functionality and broad application.

### Obstacle Avoiding Robot

Designed and programmed an Arduino-based obstacle-avoiding robot utilizing ultrasonic sensors for autonomous navigation.

### Smart Air Quality Management System

Project Leader

A Smart Air Quality Management System monitors air quality, automates fan control, and provides data visualization via mobile apps.

## Awards

### Obstacle Avoiding Robot

- Honored with the first prize in a prestigious project contest, underscoring superior creativity and expertise.

## Workshop

**National Institute of Technology | Trichy** **February - 2024**

- SoC Design for Low Power Applications

## In-Plant Training

**JP Transformers** **January 2023**

**Rail Infotech Services** **June 2023**