SAIRAM R

D.O.B: 11.10.2004

⚲Karur, Tamil Nadu.

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# Career Objective:

A motivated and enthusiastic engineering student seeking an entry-level position to apply my technical and problem-solving skills. Eager to contribute to team success while continuously learning and growing in a challenging environment.

# Programming Languages : Area of interest:

* JAVA
* C Programming and Assembly Language
* AI Integration for Learning Tools
* Switched Reluctance Motor

**EDUCATION:**

## Bachelor's in Electrical and Electronics Engineering – 8.16 CGPA 2022 - Present

V.S.B. Engineering College, Karur, Tamil Nadu

## Higher Secondary – 87.17% 2022

Kongu Matriculation Higher Secondary School, Namakkal, Tamil Nadu

## Senior Secondary – 97% 2020

Kongu Matriculation Higher Secondary School, Namakkal, Tamil Nadu

# INTERNSHIP:

## TAMILNADU NEWSPAPER AND PRIVATE LIMITED June 2024 –July 2024

Karur, Tamil Nadu

* **Full Stack Web Development Online Intern, E-Soft Company**

Tiruchirappalli

**INDUSTRIAL VISIT:**

* 400 KV to 230 KV POWER GRID (Power Grid Corporation of India) Paramathi,

Karur

## PROJECTS:

## PV BASED ELECTRIC VEHICLE USING SRM

## Developing a new EV model with new charging circuits and trying to replace BLDC with Switched Reluctance Motor

## SMART STREET LIGHT

## To develop a model that would control the on and off cycle of the Street lights automatically and detect the faulty lights, and notify the workers about the fault.

## MULTI—FUNCTIONING ROVER

## Developed a rover that can do functions based on the program.

## WORKED ON SOME OTHER PROJECTS:

## 1. Smart Street Light Fault Detection

## 2. Smart Traffic Light System

## SOFT SKILLS: SKILLS:

## Communication 1. GitHub

## Negotiation 2. AI prompting

## Leadership 3. Blender basics

**COCURRICULAR ACHIEVEMENTS:**

1. Selected for MSME pre-final round with the project [PV-based electric vehicle using SRM].

## 2. Got 11th prize in Anveshana Expo (Multi-functioning rover).

## 3. Participated in SCIMIT 2025.

## 4. Selected for Smart India Hackathon at college level (Smart Street light fault detection).

## 5. Attended Seminar “On recent advancement in Hybrid Energy Storage Management System for EV Applications”

## 6. Attended Workshop on “Industry 4.0”

**CERTIFICATIONS:**

1. C Programming and Assembly Language (NPTEL Certified)

2. Programming in JAVA (NPTEL Certified)

3. Basics of Python

4. Mastering IoT with Arduino.

**LANGUAGES:**

* English
* Tamil
* Hindi

## 

**EXTRACURRICULARS:**

* Football
* Learning about space and new technologies

**DECLARATION:**

I hereby declare that all the information mentioned above in my resume is true and genuine to the best of my knowledge and belief.