

SANJAY ARAVIND K

+91-8072065208 | Coimbatore, Tamil nadu

sanjayaravind003@gmail.com |

www.linkedin.com/in/sanjay-aravind-k |

<https://github.com/Sanjayaravind0045>

OBJECTIVE

Aspiring Engineer with a solid foundation in electrical and electronics engineering looking to work in a firm with a professional work driven environment, where I can utilize and apply my knowledge, skills and seek for an opportunity to develop more knowledge, widen the career path to grow and to fulfill organizational goals, contributing to innovative projects and driving organizational success while fostering continuous learning and professional growth.

EDUCATION

Bachelor of Engineering Sri Ramakrishna Engineering College, Coimbatore	2021 - 2025
Electrical and Electronics Engineering, CGPA - 8.05	
Pursuing Electrical Vehicle Specialization, CGPA - 8.0	
HSC SBOA Matriculation Higher Secondary School, Coimbatore	2020 - 2021
Percentile - 91.5%	
SSLC Sri Baldevdas Kikani Vidhya Mandir Matriculation Higher Secondary School, Coimbatore	2018 - 2019
Percentile - 87.4%	

SKILLS

Programming Languages	C Programming, C++, Python
Web Development	HTML, CSS
Software Tools	MATLAB
Soft Skills	Self-Learning, Creative, Adaptable, Problem Solving, Attention to detail
Languages Known	English (Proficient), Tamil (Native), french (Basic), Hindi(Basic)
Area of Interests	Electric Circuits, Electron Devices
Hobbies	Photography

PROJECTS

IOT Based Tracking of Laptops And GSM Alert System For Anti-Theft Purpose

Developed an IoT-based laptop tracking and GSM alert system to address laptop theft by providing real-time tracking and alerts. Utilized GPS for location tracking, GSM for instant notifications, motion sensors for unauthorized movement detection, and cloud services for data management. Enhanced device security, reduced theft rates, and promoted responsible ownership in a digital age.

E-commerce website | HTML, CSS, JavaScript

Developed a responsive e-commerce website, focusing on user-friendly design and seamless navigation. The project involved creating a visually appealing layout that adapts to various screen sizes, enhancing the user experience across devices.

Carbon Footprint Prediction in the Process of Manufacturing and Transportation of Products | Python

Developed a Python-based software for predicting carbon footprints in manufacturing and transportation, utilizing Gradio for the user interface. Streamlined data collection and reporting to enhance accuracy and reduce complexity. Focused on select manufacturers, incorporating user feedback for scalability and supporting sustainability initiatives.

EXPERIENCE

DECCAN INDUSTRIES

Coimbatore, Tamil Nadu

Gained hands-on training in submersible pumps and related products through practical sessions on design, application, and operation, while collaborating with engineers to understand manufacturing processes and quality assurance standards.

PROLIFIC TECHNOLOGIES

Coimbatore, Tamil Nadu

Gained hands-on experience in PLC programming and ladder diagram development, completing a project on water level monitoring using SCADA to enhance my understanding of automation systems and control processes.

EXTRA-CURRICULAR ACTIVITIES

- Authored multiple blogs on college events and initiatives, enhancing communication within the student community.
- Edited and contributed to the college newsletter for effective dissemination of important information.
- Participated in organizing quiz competitions and events, promoting teamwork and general knowledge among peers.
- Organized various interdepartmental quizzes and knowledge competitions, fostering a spirit of inquiry.
- Served as MC for departmental functions, engaging the audience effectively.
- Contributed articles to college magazines, highlighting student life and academic achievements.

KEY COURSES AND CERTIFICATIONS

- Business English Certificate Examination (**BEC Preliminary**) | Cambridge University | Score : 156 B1 Level
- **MATLAB ONRAMP** and **MATLAB SIMULINK** | Mathworks
- **CREATE YOUR FIRST PYTHON PROGRAM FROM UST** | Coursera
- **INTERNET OF THINGS** | OpenLearn-The Open University
- **WEB DEVELOPMENT BASICS** | Udemy

I solemnly declare that all the above information is correct to the best of my knowledge and belief.

Coimbatore

Sanjay Aravind K