NAGENDRAPRASAD C   **E-Mail: prasathnagendra57@gmail.com**
16/3, Vadivel Nagar, 3rd Cross,   **Ph-no: +91 9489773758**
Nawab Thottam, Woraiyur, trichy-620003

PROFESSIONAL OBJECTIVE

I am looking for a platform to build my knowledge and skills that fulfil the organization's goal. I'm fascinated to work in a growing organization. With my involvement and ethics, I contribute to giving my best to the company.

EDUCATIONAL QUALIFICATION

COURSE	UNIVERSITY/ BOARD	NAME OF THE INSTITUTION	YEAR OF PASSING	MARKS SCORED
B.E (E.E.E)	ANNA UNIVERSITY	SRM TRP ENGINEERING COLLEGE	2024	8.37 (CGPA)
HSLC	STATE BOARD	K. A. P. VISWANATHAM HIGHER SECONDARY	2020	68.5%
SSLC	CENTRAL BOARD	RAJAJI VIDYALAYA [CBSE]	2018	61%

ACADEMIC ARCHIEVEMENTS

- **100% Attendance** in the year of 2022, 2023.

- **3rd, 2nd place for Academic Topper** in the year of 2022, 2023.

- **1st** place **for Library Utilization** in the year of 2023.

AREA OF INTEREST

- Full Stack Developer

- Software Engineer

TECHNICAL SKILLS	
Static Web Design	HTML, CSS, BOOTSTRAP
Simulation Package	MATLAB SIMULINK
Microsoft Office	EXCEL, WORD, POWERPOINT
Programming Language	PYTHON, JAVA, C, C#, .NET, MVC

PROJECT WORK

Project Title 1 : "BLDC Motor Controller IoT based Monitoring System"

Description

- An Arduino board, BLDC motor controller, and wireless communication module make up the system.
- Using the wireless module, motor operations can be controlled and monitored remotely via the internet.
- Temperature, current, and voltage are also monitored with various sensors. It is possible to access the collected data from anywhere in the world thanks to a cloud-based database.
- The suggested solution has several advantages, including better system reliability, lower maintenance costs, and more efficient motors.

Project Title 2 : **"Fire Fighting Robot without microcontroller"**

Description

- A Fire detecting and automatic water excretion using pumping motor, relay, power board, IR sensor, DC supply, DC motor etc.
- Main aim of this project is to reduce manpower during Fire extinguishing.
- It provides reliability, less manpower, thermally stable, uses in all manufacturing industries for safety measures including schools, college etc.

INHOUSE TRAINING

- 3 Days Inhouse Training at **TVS** Motor Ltd, Hosur, India in 2023.
- 5 Days Inhouse Training at **110kv** Substation, Trichy, Tamil Nadu, India in 2022.

INDUSTRIAL EXPOSURE

- Visited **Hydel Power Plant**, Santha Nur, Tamil Nadu, India in 2022.
- Explored **ISRO** Launch Pad, Andhra Pradesh, India in 2022.

CO-CURRICULAR ACTIVITIES

- Present a Project on the topic of "**BLDC Motor Controller IoT based Monitoring**" in Saranathan Engineering College, 2023.
- Paper presented on the topic of "**Smart Grid**" in "Rover Engineering College", 2022.
- Participated in the "**Inter Smart India Hackathon**" in the topic of "**AI Bot**", 2022.

WORKSHOP ATTENDED

Attend All India workshop on "**Renewable Energy Integration with Energy Storage Systems**" organized by The Institution Engineers (India), Tiruchirappalli Local Center under the aegis of Electrical Engineering Division Board, IEI in association with EEE and ECE held at "Trichy BIT Campus", 2023.

INTERNATIONAL COFERENCE ATTENDED

Presented a paper on the topic of "**Performance and Evaluation and Comparison of Two Flux Switching Permanent Magnet Switching Topologies "**conference about "**Emerging Trends in Electric Vehicle and Smart Technologies (ICETEST-22)**" organized by "SRM TRP Engineering College", 2022.

ONLINE COURSE

Got Certificate in **French A1** conducted by SRM Inlingua Chennai, 2022.

MEMBERSHIP IN PROFESSIONAL BODIES

IEEE Membership.

STRENGTHS

- Adaptability, Problem absorber.
- Team player, Motivational.

CERTIFICATIONS

- Nxtwave Certified : Programming Foundations with Python
- Nxtwave Certified : Build Your Own Responsive design
- Nxtwave Certified : Build Own Static Web design
- Coursera Certified : Electric Power System
- Inlingua Certification for French A1
- Hackathon Certification of Appreciation for Inter Level Project Idea