

**ARAVIND KHUMAR.A**

4rd year B.E, Electrical and Electronics Engineering,  
CEG, Anna University.

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**OBJECTIVE:**

To provide a gaiety ambience under any ordeal that utilizes my lavish prudential skills for the benefit of the firm and to foster along with it.

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**EDUCATIONAL CREDENTIALS:**

S No.	Name of the Institution	Qualification	Year of Passing	Percentage scored
1	College of Engineering Guindy, Anna University.	B.E ( <b>EEE</b> )		9.12/10 (6 <sup>th</sup> sem)
2	Jaya Matriculation Hr. Sec. School	HSC	2015	96.91%
3	Jaya Matriculation Hr. Sec. School	SSLC	2013	98.6%

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**AREAS OF INTEREST:**

S No.	Subjects
1	Control Systems
2	Electrical machines
3	Power Systems

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**PROJECTS:**

S No.	Project Name	Project Description
1	Home Automation Using IOT	Controlling Home appliances through Android Phones connected through WLAN.
2	Fault Monitoring System in Home appliances	A prototype that detects faults in home appliances like Fan, Tube Lights etc. and reports to the user
3	Smart Drip Irrigation Using IOT	A prototype that is used to drip irrigate the field, controlled through smart phone by WLAN.
4	Energy Auditing	To Audit Energy Consumption and to design Smart control system to conserve it.
5	Tesla Coil	Small Project demonstrating wireless energy transfer and HV production.

**TRAINING AND INDUSTRIAL VISITS:**

S No.	Industry Name
1	<b>EMU Workshop southern Railways, Tambaram</b> Had a full exposure on various maintenance and overhauling sections on EMU.
2	<b>Inplant training at NCTPS-II, Ennore, Chennai</b> Had an experience with various components and sections of thermal power plant.
3	<b>Inplant training at Bharat Electronics Limited, Chennai</b> Had full experience with the Electrical systems of the Military tanks used in Indian Army
4	<b>Summer Internship</b> in Artro Energy, a startup that aims at making maintenance of solar plants and monitoring them easier through IOT. Worked on development of the hardware.

**RESPONSIBILITIES:**

Year	Responsibilities
2016-2017	<ol style="list-style-type: none"><li>Organised <b>Ripples ‘17</b> – An Intra College Symposium of EEE department.</li><li><b>Event Coordinator</b> for Circuit Craze in National Level Techno Management Fest <b>Kurukshetra ‘17</b>.</li><li><b>Workshop Coordinator</b> in <b>Waves ‘17</b> – An Inter College Symposium of EEE department.</li></ol>
2017-present	<ol style="list-style-type: none"><li>Member of the <b>Projects Team</b> (CTF projects)</li><li><b>Workshop Organiser</b> in <b>Waves ‘18</b>– An Inter College Symposium of EEE department.</li></ol>

**SKILLS AND ATTRIBUTES:**

<b>Software skills</b>	<b>Programming languages:</b> C, JAVA, Python (Intermediate Proficiency) <b>Simulation Software:</b> MATLAB, MAXWELL, ETAP (Beginner), Magnet Software <b>Others:</b> Arduino, Raspberry Pi
<b>Personal Skills</b>	Adaptability, Logical Thinking, Team Playing, Grasp concepts easily

**LANGUAGES KNOWN:**

- Tamil,
- English,
- Hindi.