**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.

**EDUCATIONAL CREDENTIALS:**

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

**AREAS OF INTEREST:**

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

**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** | **EMU Workshop southern Railways, Tambaram**  Had a full exposure on various maintenance and overhauling sections on EMU. |
| **2** | **Inplant training at NCTPS-II, Ennore, Chennai**  Had an experience with various components and sections of thermal power plant. |
| **3** | **Inplant training at Bharat Electronics Limited, Chennai**  Had full experience with the Electrical systems of the Military tanks used in Indian Army |
| **4** | **Summer Internship** 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 | 1. Organised **Ripples ‘17** – An Intra College Symposium of EEE department. 2. **Event Coordinator** for Circuit Craze in National Level Techno Management Fest **Kurukshetra ’17.** 3. **Workshop Coordinator** in **Waves ‘17** – An Inter College Symposium of EEE department. |
| 2017-present | 1. Member of the **Projects Team** (CTF projects) 2. **Workshop Organiser** in **Waves ‘18**– An Inter College Symposium of EEE department. |

**SKILLS AND ATTRIBUTES:**

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

**LANGUAGES KNOWN:**

* Tamil,
* English,
* Hindi.