# CURRICULUM VITAE



## **SENTHIL**

**Electrical & Electronics Engineering**

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### OBJECTIVE

I'm a progressive, creative and innovative person and to expedite the organizational goal in an effective manner and make buoyant the employer company in the leading competition. I have good interpersonal, communication, analytical skills & problem solving techniques. Also I have willingness to learn in different working atmosphere, looking for some greater job challenges and I can work under pressure to complete the assigned task.

### AREA OF INTEREST

* Human Resource Management
* Production Management
* Machines.
* Power Plant Engineering.
* Power Electronics.

### EDUCATIONAL PROFILE

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Degree** | **Institute** | **Board / University** | **Month& year** | **Percentage**  **%** | **Final**  **Result** |
| 10th standard | Srinivasa higher secondary school  Melaiyur, Poombukar | State board | March/ 2001 | 78.80 | **First**  **Class** |
| 12th standard | Govt. higher secondary school  Pandanallore | State board | March/ 2003 | 64.33 | **First**  **Class** |
| B.E. (EEE) | FEAT | Annamalai university | 2007 | 68.10 | **First**  **Class** |
| M.B.A | Distance Education(DDE) | Annamalai University | 2009 | 55.00 | **Second Class** |

### SOFTWARES KNOWN

* C, C++ (Basic 3 out of 10)
* AutoCAD 2004

### CURRENT EXPERIENCE

**Designation**: Senior Electrical Engineer (General)

**Organization:** PROACTIVE ELECTRONICS PVT LTD, SINGAPORE

**Period:**  February 2012 To Till Date

**Specialization: Installation of LED LIGHTS AND CONTROL, CCTV and**

**Fire Alarm systems**

**RESPONSIBILITIES:**

* Execution of Fire Alarm, CCTV systems, LED lightings and controls as per the requirement of the Client.
* Coordinating with Sub contractors for Installation of ELV systems and LED Lightings.
* Ensure all works, those comply with the standards (local/International as followed by industry) and conventions
* **Pre Commissioning** and **Commissioning** of the ELV Systems
* Troubleshooting either in configuration or in installation of the ELV Systems.
* Graphical User Interface (GUI) for Fire Alarm System.
* Familiar with VESDA and AP Sensing Systems.
* Handling and fixing LED controller such as DALI control system, Timer control, Motion sensor etc..
* Designing and modifying the LED lights and control for customers’ requirement.
* Inspection and testing of all emergency lighting equipment and monitoring LUX level and color decay for LED lights.
* Coordinating the inspection of Resident Engineer and Resident Technical officer
* Liaison with client’s representative and consultants
* Analysis of the drawing and site execution
* Providing Technical supports and attending to major technical issues and faults
* Verifying contractor’s compliance as per drawing requirements
* Resolving day-to-day electrical issues on site
* Overseeing and coordinating annual electrical shutdown
* To carry out all preventive and breakdown maintenance for electrical works
* Monitoring document maintenance and repair work
* Review staff performance and hold regular feedback sessions with staff to maintain standard of service
* Compiling relevant database on maintenance and repair cost

**Project Done:**

* Installation, Testing & Commissioning of Fire Alarm System (EST3-GE), Vesda (Xtralis) and AP sensing for SIM LIM TOWER in Singapore
* Installation, Testing & Commissioning of **CCTV** (HykVision ) for The Amston Condo in Singapore
* Installed 36 Nos of 320W LED Tennis court light, 80 Nos of 150W LED Highbay lights using Indoor stadium and emergency lights for CIVIL SERIVICE CLUB in Singapore
* Installed 120 Nos of 200W LED Highbay lights with Motion sensor and 3 step dimming function for WPH warehouse in SINGAPORE
* Modification of 300 Nos of existing Fluorescent tube casting and fixing 18W 4Ft LED tube for SIM LIM TOWER in Singapore

### EXPERIENCE 1

Worked as a service Engineer in PLATTINEM SERVO STABILIZER MANUFACTURE in Coimbatore during the Period of 7thDEC 2009 to January 2012.

**Product**

**SERVO STABILIZER RANGE 1KVA to 500KVA.**

**Description:**

* This system is used in CNC MACHINE, COLOUR SORTING MACHINE, TEXTILE INDUSTRIES, etc.

**RESPONSIBILITIES:**

**Assembling:** Component assembling on PCB, Control station Wiring and Power Module

Wiring.

**Servicing :** Installation and Trouble Shooting of various problems to be rectified

from customer place

**Project Done:**

* 200KVA Servo stabilizer Installation for M/S Krishna Engineering Pvt. Ltd. in Coimbatore.
* 100KVA and Many Nos of 30KVA Servo stabilizer installation for L.G.Balakrishnan & Bros Ltd in Coimbatore.
* 300KVA and 200KVA Servo stabilizer Installation for SUGUNA MILLS PVT. LTD. in Coimbatore

### EXPERIENCE 2

Worked as a service Engineer in FLUXOTHERM (INDIA) PVT. LTD. in Ambattur Industrial Estate Chennai during the Period of 4th June 2007 to 10thNOV 2009.

**Product:**

**Medium Frequency Induction Melting System.**

**Description:**

* This system used in Industrial Foundries for Selected Metal to be melted.

**Power Module:**

* Solid state Power Supply comprises of Three Phase Six Pulse Rectifier and Inverter suitable to Oscillate Parallel Resonance Oscillating System.
* Controls to Converter and Inverter by discrete Electronic Control system.

**RESPONSIBILITIES:**

**Assembling:** Component assembling on PCB, Control station Wiring,

and module wiring.

**Testing:** Dry test and Power test for oscillating the system.

**Servicing:** Trouble shooting of various problems to be rectified from C Customer Place.

**HANDLING TOOLS:**

Oscilloscope, RLC Meter, Multimeter, Tong Tester, Megger

**Project Done:**

* 350Kw Induction Melting Power Generator, 500kg Crucible for M/S DGNP in Vizakapattinam.
* 350Kw Induction Melting Power Generator, 500kg Crucible for M/S IMAC Alloys in Chennai.
* 250Kw Induction Melting Power Generator, 300kg Crucible for M/S Golden Foundries in Chennai.

### extra CURRICULAR ACTIVITIES

* Presented Paper in the Internal Seminar on the topic of “ Basics of Power Plant Engineering”
* Volunteer blood donor
* Active member of National Service Scheme

### PERSONAL DETAILS

**Date of Birth**  : 8th March, 1986.

**Gender** : Male.

**Nationality**  : Indian.

**Marital Status**  : Married

**Availability**  : one month’s notice period

### Declaration

I hereby declare that all the information furnished above is true to the best of my knowledge and belief.

Station: Yours faithfully,

Date:

(**Senthil)**