**RESUME**

**SATHIYASUNDHARAM. S**

**#38A,Shanmuga Nagar,**

**Lalpuram&(po),Manalur,**

**Chidambaram(tk),** Contact no : **+91 9978029626**

**Cuddalore -001** Email:shakthiraj46@gmail.com

**Career objective**

Seeking a challenging career in an organization that provides me an opportunity to demonstrate my skills and improve my knowledge and be a part of a team that works dynamically towards goal of the Organization.

**Academic qualification**

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| **Qualification** | Institution | Board of Examination | **Year of**  **Study** | PercentageOf Marks |
| Diploma in Electrical & Electronics Engineering | Ayyappa polytechnic college  Aivadhugudi. | Directorate of Technical Education | 2011-2013 | 91.30% |
| HSC | Pachaiyppa’s higher secondary  School, Chidambaram. | State board of  Examination. Tamilnadu | 2009-2011 | 53% |
| S.S.L.C | Ramasamychettiar higher  secondary school, Chidambaram. | State board of  Examination. Tamilnadu | 2008-2009 | 65 % |

**Current Organisation**

**Organization:** CHENNAI RADHA ENGINEERING WORKS (P) LTD.

Currently working as operation & maintenance of (Electrical & Electronics)Engineer Adani Port special Economic zone limited Under CREW PVT LTD.

**Designation: Assistant** Engineer.

**Department:** Engineering.

**Experience: 2014 Till Now**

**Work experience**

**Organization:** RANE TRW STEERING SYSTEM LTD.

Joint Venture of Rane Group and TRW of United Kingdom. One of the Leading Power Steering gear & Pump Manufacturer for global passenger car manufacturers like Hyundai, Ford, Tata, Renault, M&M and DICV.

**Department:** R & D Product Development.

**Experience: 2013 to 2014**

**CORE COMPETENCIES:**-

* + Planning and effecting predictive & preventive maintenance schedules for various machinery and equipment to increase machine up time & equipment reliability
  + Proactively identifying areas of obstruction/ breakdowns and taking steps to rectify the equipments through application of troubleshooting tools
  + Ensuring prompt and accurate recording and reporting of preventive maintenance activities, plant malfunctions and corrective actions

**Roles & responsibilities.**

* Responsible for operation and maintenance of Power Transformers ( 66KV/11KV), Distribution Transformers (6.6KV / 415V)
* Responsible for operation and maintenance of Vacuum Circuit Breaker (6.6KV to 11KV) and Air Circuit Breaker (800AMPS to 3200AMPS)
* Responsible for operation and maintenance of BATTERY BANK(Lead acid and Nickel cadmium)
* Responsible for operation and maintenance of EOT(15Ton) and Electric Hoist(2Ton to 10Ton)
* Responsible for operation and maintenance of HT and LT control panel( Transformer feeder, Incomer, Bus Coupler and Motor feeder)
* Hands on experience with the conveyor safety devices work such as Pull cord, Sway switch, Zero speed switch and having knowledge with Flap gate design.
* Meticulously kept maintenance records of machines and utilizing them as valuable reference for resolving breakdown issues
* I have sufficient knowledge of Trouble Shooting of all Electrical Equipment
* Ensuring 100% Preventive Maintenance (PM) & Condition Base Monitoring (CBM)
* Executing Cost Control Management in terms of Manpower
* Planned / Unplanned job execution & Check list, Log books and related records maintaining
* Ensuring Healthy, Safety & Environment.
* Deep understanding of PLC ( ABB AC 800M) programming ladder logic and all aspects of inputs and outputs of the system
* Data entry in SAP
* Capable to read and understanding electrical / instrumentation drawings.
* Capable to learning new techniques and technologies as they are discovered.

**NVH Testing**

* Vehicle level, System level & Part level Noise measurement.
* Air borne noise and Structure borne measurement in pump.
* Pressure pulse& vibration measurement in power steering pump.
* Knowledge on Noise Instruments (Like PROSIG, NOISE METER)
* Knowledge on noise software (Like Dats)
* Skilled in setup of ACCELEROMETERS, MICROPHONE, SPEED SENSORS, PRESSURE TRANSDUCERS, THERMOCOUPLES & Other Sensors.

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| **Communication Address**  **#38A,Shanmuga Nagar,**  **Lalpuram&(po),Manalur, Chidambaram(tk),**  **Cuddalore -608001**  **Personal Profile**  Father’s Name : K.Saravanan  Date Of Birth : 20/07/1994  Sex : Male  Martial Status : Single  Religion : Hindu  Nationality : Indian  Languages Known : English, Tamil ,  Hindi  Passport Number : L7417403  **Place:**  **Date :** | Projects Diploma Project: RFID Based voting machine for stop the forgery voting. Software proficiency  * Design packages: AutoCAD, E – CADD. * Operating System: Windows, Linux. * Microsoft Office (Word, Excel, Power point) * SAP   Asserts   * Have much experience to handle customers & vendors globally * Good communication skills. * Eager to learn more technically. * Have much experience in power steering product testing & developing * Quick learner.   Extra Certification courses   * Diploma in Product Design at CADD centre. (Electrical CADD)   Playing Declaration Hereby, I declare that the above information furnished by me is true to the best of my knowledge and belief. I assure you that I will execute my work to the fullest satisfaction of my superiors.  Regards,  S.Sathiyasundhharam |