

Resume

Mr. Gajanan Sonwane

Sr. Product Engineer @Speed Engineering Solution.

Address: B-1004, Aishwaryam courtyard ph 2, Gat No. 1169, Chikhali, Pune, MH - 412114. Mob No: +919673607748.

Email ID: gajanan.da99@gmail.com

Objective: -

To become a part of highly motivated team and render the services. The doing maximum utilizations of Knowledge & skill to step forward in the field of "Electrical" to accept the challenges of the industry.

Key Skills & Competencies: -

Creo Parametric 4.0

Electrical Auto-CAD-2010

Electrical Design, Control wiring design/details, Engineering Load Calculation

Windchill, IMS, Oracle Software

Electrical Panel Testing and Commissioning

Project Management.

Current Organization: -

M/s. Speed Engineering Pvt Ltd.

Working on M/s. Cummins India Ltd. CTCL, Kothrud, Pune

Designation: - Sr. Product Engineer, 02 Aug. 2021 to till Date. (1.7 Years)

Product Execution & Testing

- Execution of Diesel Genset/Engine electrical/control testing activities (Marine & Oil & Gas).
- Appropriate sensor/instrumentation, perform testes and generate test reports.
- Support Diesel Engine endurance test (Load Trail), Transient (Steady State & M-Load Trail), Safety trails.
- Support control panel design, wiring harness routing, controller configuration activities.
- Experience in testing and validation for engine /Genset subsystem.
- Windchill – New Part Creation, BOM, Part no. generation, CR raise, Change implementation.
- Making the Operation Philosophy Manual for control panel.
- AFR (Air Fuel Ratio) Woodward software handling for tuning (ONGC).

Design & Development

- Preparation of electrical wiring diagram by using CREO schematics, Creating symbols & Catalogue library In CREO schematics.
- Creating Flatten Harness, Routing Wire, Creating Spools, Cables, Ribbons for harness.
- Upload 2D Harness, Panel Drawings & 3D Parts, harness assembly on Windchill
- Familiar with Check Out & Check In process, Part creation process on Windchill.
- Familiar with assembly, part & drawing revision process, Adding Resulting objects in Windchill.
- Making of Stamp PDF for Drawings, MEP part creation with supplier drawings, familiar with CA, CN & CR activities (Release Activity) to make new part with reference of existing part.
- Knowledge of wiring harness design and manufacturing process.

- Preparation of bill of material (BOM) table, splice table, connector table, creation as per wiring harness drawings.
- Able to create the library components required for harness.

M/s. Marine Electrical India Ltd. Mumbai (Channel Partner -Schneider Electric)

Designation: - Project Engineer (Project Execution) 23 Jan 2017 to 31 July 2021 (4.6 Years)

Project Execution

- Erection & Installation of HT & LT Electrical distribution panel at Customer facility as per design layout.
- Supervision the Panel coupling, Busbar coupling, Internal control wiring as per drawing for HT & LT.
- Check the Panel section coupling, Busbar coupling (Torque wrench), Control circuit
- Pre-Commissioning test – Megger, Electrical panel Function test, Control circuit test, Indication lamp for HT & LT
- Breaker test – ACB/MCCB Secondary injection test, MFM meter settings, Relays settings, MFM Modscan
- Final Commissioning – Megger, 230VAC/415VAC Functional test, Control circuit test Indication lamp, Communication status.
- Preparation of Final Handover Documentation (SOP & EOP) for control panel.
- Co-ordinate with International & National client, MEP Consultant, Vendors, Contractors for execution the projects.
- Carry out site works with highest safety standard, meet targeted execution schedules.

Design & Development

- Knowledge of designing for PCC, JB, APFC, MCC panel like compartmental/non-compartmental.
- Design of Electrical equipment layout and plans, Design of Electrical cable tray layout and plans
- Prepare technical specifications, scope of work and BOQ documents.
- Design of Single Line diagrams (SLD's), Cable Sizing, Development of Load List, Breaker sizing Earthing Layout. Switchgear Component selection, Panel layout design, Cable selection.
- Knowledge of Panel design standards – primarily IEC.

Project Handle – All Project work as project In-charge.

- ✓ Deutsche Bank, Magarpatta Pune & Delhi.
- ✓ Netmagic (Software Solution) Bangalore & Mumbai.
- ✓ TATA Autocomp System Chakan Pune.
- ✓ Capgemini Hinjewadi, Pune.
- ✓ TCL (STT Global Data center, Dighi Pune)
- ✓ Dassault System Hinjewadi Pune.

M/s. Drientech Engineers Pvt. Ltd.

Designation: - Project Engineer (Design) 14 Sep 2014 to 20 Jan 2017 (2.4 Years)

- Preparation of MCC, PCC, APFC, AHFB, JB Control Panel Layouts, Wiring Schematics, bill of material and preparation of panel Arrangement (Panel sizing).
- Preparation of Loop and Interconnection Drawings as per Conduit Schedule and GA, SLD, Control wiring drawings and MCC, PCC, APFC, AHFB Panel Control schematics drawings.
- Designing for PCC, APFC, MCC panel like compartmental/non-compartmental.
- HV Testing of cap. Bank (3KV for 1minute)
- Preparation of detail drawings such as, a) Cable tray lay-out, b) Power lay-out. c) Ear thing lay-out.
- Energy Audit & Harmonic Analysis of Plant.

M/s. Cotmac Electronics Pvt Ltd. (Channel Partner -Schneider Electric)

Designation: - Trainee Engineer (Estimation & Costing) 9 Sep-2011 to 30 Aug-2012 (1.2 Years)

- Making of BOM and Costing as per customer requirement in the Microsoft excel-2007.
- Understanding Enquiry, Registration of the same in System.
- Costing & offer for control panel.
- Preparation of Techno commercial files upon receipt of PO's.
- Reports from Enquiry report on weekly basis - Related to Enquiries, weekly order converted, Orders lost.
- Selection of switchgear as per Type 2 Coordination.

Academic Profile: -

10th Certificate (SSC) –

School– ZP Nutan Vidyalyaya Mundhari Bk. (MH) Passing Year – 2005, Grade/Percentage –57.33%

12th Certificate (HSC) –

Jr. Collage /School– LTRV Tumsar (MH) Passing Year – 2007, Grade/Percentage –50.00%

Diploma in Electrical Engineering -

Collage – Government Polytechnic, Sakoli (MH) Passing Year – 2010, Grade/Percentage – 67.50%

Graduate in Electrical Engineering -

Collage – EES, Collage of engineering Aurangabad (MH), Passing Year – 2014, Grade/Percentage – 61.50%

PERSONAL PARTICULARS: -

Full Name : Gajanan Tarachand Sonwane

Date of birth : 11th July 1989.

Nationality : Indian.

Permanent Residence: At: - Post: - Mundhari (BK), Tal: - Mohadi, Dist: - Bhandara, 441905, Maharashtra.

Gender : Male

Marital Status : Married.

Languages Known: English. Hindi and Marathi.

Declaration: - I hereby declare that the above-mentioned particulars are true to the best of me knowledge and belief.

Date: -

Gajanan Sonwane

Place: -