

# Resume

**Mr. Gajanan Sonwane**

**Sr. Product Engineer @Speed Engineering Solution  
off role - Cummins India Ltd. CTCI Pune**

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

Email ID: [gajanan.da99@gmail.com](mailto:gajanan.da99@gmail.com)

## **Objective: -**

To be a part of highly motivated team and render the services by maximum utilizations of Knowledge and skill to step forward in the field of "Electrical Projects" to accept the challenges of the industry and do the creative and innovative work.

## **Key Skills & Competencies: -**

Electrical Auto-CAD-2010

Creo Parametric 4.0

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

Engineering Documentation, Report generation

Electrical Panel Testing and Commissioning

Teamwork and Cooperation

Project Management.

## **Current Organization: -**

**M/s. Speed Engineering Pvt Ltd. Off role M/s. Cummins India Ltd. CTCI, Kothrud, Pune**

**Designation: - Sr. Product Engineer, 02 Aug. 2021 to till Date.**

- Hands on execution of Genset electrical/control testing activities
- Appropriate sensor/instrumentation, perform testes and generate test reports.
- To executed electrical testing activities such as governing trial, load trails, fuel consumption trails, steady state and transient test etc.
- To support control panel design, wiring harness routing, controller configuration activities.
- Experience in testing and validation for engine /Genset subsystem.
- Windchill - Part no. generation, CR raise, Change implementation.
  
- Design-
- Electrical system design and development, 3D model creation along with component and sub-assembly.
- 3D model creation for mechanical and electrical parts design, electrical routing, cabling of the wiring harness component.
- Hands on experience in Creo-Cabling.
- 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**

- ❖ This Company Is Channel Partner of Schneider Electric.
- ❖ Electrical Panel Design, Manufacturing, Supply, Installation & Commissioning.

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

- 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.
- Preparation of Various BOQ's and Panel Schedules, Sound Knowledge of Protection Relays, Prepare Cable schedule and cable route diagrams and conduit development.
- Design of Electrical equipment layout and plans, Design of Electrical cable tray layout and plans,
- Prepare technical specifications, scope of work and BOQ documents.
- Knowledge of designing for PCC, JB, APFC, MCC panel like compartmental/Non-compartmental.
- Preparation of Final Handover Documentation.
- Perform details calculation for electricals distribution system of switchgear. Bill of material.
- Testing carried out – 3 Phase Function test, Megger, Torque wrench, ACB/MCCB Secondary Injection test, BMS Modscan Meter Intrigation, Meter Relay Settings.
- Expertise in erection, testing & commissioning of electrical works.
- Carry out site works with highest safety standard, meet targeted execution schedules.
- Able to coordinate with Multinational client, vendors, contractors for successful completion of projects.
- Preparing specification, selecting and inspecting electrical equipment.
- Studying drawing provided by the electrical consultant and studying them for feasibility and execution on site. Co-ordination with contractors, clients and consultant.

**Project Handle – All Project work as project Incharge.**

- ✓ 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**

- 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, JB, 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.**

- ❖ This Company Is Channel Partner of Siemens.
- ❖ Electrical Panel Design, Manufacturing, Supply, Installation & Commissioning.

**Designation: - Trainee Estimation & Costing Engineer (Marketing) 9 Sep-2011 to 30 Jun-2012**

- 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.
- Drawing Preparation in AutoCAD.
- Release of Electrical manufacturing documents like wiring diagrams, BOM etc. as per schedule.

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**Academic Profile: -****10<sup>th</sup> Certificate (SSC) –**

School– ZP Nutan Vidyalaya Mundhari Bk., Passing Year – 2007, Grade/Percentage –57.33%

**12<sup>th</sup> Certificate (HSC) –**

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

**Diploma in Electrical Engineering -**

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

**Graduate in Electrical Engineering -**

Collage – EES, Collage of engineering, Passing Year – 2014, Grade/Percentage – 61.50%

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**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.

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

**Date: -**

**Gajanan Sonwane**

**Place: -**