**chetan nimje**

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**Value and sustaining engineeringexperience of 6+ years**

**In pursuit of challenging & enriching assignments in the most core area of the Mechanical Industry.**

* Meticulous & results-oriented sustaining professional in **Padmount Switchgear**withexpertise in medium voltage **Electrical Power distribution**.
* In-depth knowledge & experience of **Padmount Switchgear products**
* Excellent track record of end to end **project execution** capability with complete ownership of Engineering Change activities.
* **Manage project**with multi-discipline team including FEA Team, 3D Modelling, 2D Drafting team
* Excellent **problem solving & analytical** skills to address MoL (Maintenance of line)project.
* **Proficient in CAD tools** like Inventor &PLMsoftwares like SAP &Enovia

**Core Competencies**

* Value Engineering
* GD&T, Tolerance stack up analysis
* Process Optimization (DMAIC)
* Six sigma tools (DFSS)
* Root Cause Analysis& Problem Solving
* Product Development

**Technical Skill Sets**

* **Modelling Software** : Autodesk Inventor 14, CATIA R19, Cre0 2.0, Auto-CAD, SolidWorks 14
* **Motion Simulation Software** : Inventor Studio
* **DMAIC(Define Measure Analysis Improve Control) tools** : CTQ, VOC, DOE, Pugh Matrix,Poka Yoke
* **Product Data Management** : SAP, Enovia
* **Microsoft Tools** : Word, Excel, PowerPoint

**Professional Works**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Eaton Technology Pvt. Ltd. Pune**

**Medium Voltage Switchgear product line projects (06/01/2015 to till date.)**

**Key Deliverables:**

* **Value engineering**
* Modification of existing design of Vacuum Fault Interuptor current conductor and take involvement in Design and Validation of components.
* Modification in the tank design for the Auto recloser to reduce its weight by 3kgs.
* Modification of existingPanelboardbusbar to eliminate external top hat design to genarate saving of $700K annually.
* **MoL (maintenance of line )projects**
* Prepare 3D models, assemblies and 2D detailed drawingssupport for padmount switchgear legacy product.
* Provide design solutions for Engineering Change (EC) activities MV Switchgear components.
* Managing the Bill of Material (BOM) of SAP for each order & also maintain design revisions, manufacturing drawing, requirement Engineering Change notes (ECN) and other documentation per procedures.
* Support CAD team for the final QC of drawings.
* Prepare 3D models of sheetmetal parts to be manufactured on laser cut machine.
* Experience of creating standard sheetmetal punch (part) library for reducing rework & improving productivity.
* Tracking ECR/ECO measures like internal errors, external errors, and OTD.
* Improving productivity by creating macro, templates, family tables etc.

**Previous Experiences**

* **Tooltech Global Engineering Services Pvt Ltd, Pune. (05/30/2015 –05/29/2015)**
* Designation:CADConsultant
* Job Description:
* Prepare proposal drawing, production drawing and detailing for textile machineries parts.
* Prepare 3D Casting, Sheetmetal models.
* Creating parametric assemblies (Master model) unit using skeleton method.
* Prepare mechanical assemblies & sub-assemblies, their drawings, detailed part drawings as well as standard and production parts (BOM) lists for glue blending machines.
* **Infotech Enterprises Ltd, Hyderabad (11/01/2010 –07/18/2011)**
* Designation: Assistant Design Engineer
* Job Description:
* Conversion of Structural Models from Catia V4 to new generation version Catia V5, with reference to Design Manuals.
* Model the 3D part with the help of input 2D drawing. Preparing the assembly and its drafting.
* Worked on ENOVIA LCA to communicate back and forth the data sets with on site office.

**B.E. Project**

CFD Analysis and Modification of Catalytic converter

The idea behind the project was to remove the problem of overheating of the catalytic converter during the long run of the vehicle especially the four wheelers. Suggestion was to pass the exhaust gases through the pipe having fins before passing it through the catalytic converter. Concept model of catalytic converter was modeled using Pro/E software and was analyzed using ANSYS. The CFD analysis of both the conventional catalytic converter and its modified design proved that the modified design will certainly improve the performance and the life of the catalytic converter.

**Credentials**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Academia & Skills**

* **MTech Design Engg.** from BITS, Pilani under Work Integrated Learning Programme with 6.9 CGPA
* **B.E. Mechanical Engg.**from St. Vincent PallottiCollege of Engineering Nagpur, RTM Nagpur University 73.5% in 2010
* **HSC (State Board)**from Dinanath Jr College, Nagpur with 71% in 2006
* **SSC (State Board)**from Dinanath High-school, Nagpur with 85% in 2004

**Personal Minutiae**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Date of Birth: 7th July1988
* Linguistic Proficiency: English ,Hindi, Marathi
* Marital Status: Married
* Passport Status: Holds L1B (USA) valid till 2020
* Address: Flat No.A904,Shree Ganesh Imperia Apartment, DattaMandir Road, Opposite Omega Paradise, Wakad, Pune 411057
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**Date:** 08/Sep/2018

**Location:** Pune

**(Chetan K Nimje)**