

ANIL GUNDI

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Career Objectives :

- With an extensive 8+ years of experience across Design Engineering & Component Development, Product Definition and Migration of mechanical and structural components various products like **Gas Turbines and Steam Turbines, Heavy engineering (Mining Equipment's) and wind turbine.**
- Good modelling, Drafting, Sheet metal and Assembly experience in various versions of tools such as **UG-Nx, Catia, Creo 2.0, Solid works, Team Center, PLM2020, Power BI, Microsoft tools** and other productive software.
- Focused and goal oriented in approach, excellent skills with the ability to oversee multiple functions and activities in high-pressure environments with tight deadlines.
- I have worked on multiple modules of turbines and willing to expand my knowledge and demonstrate my capabilities in **heavy machineries**

Technical Skills :

- Good knowledge of design software like **Uni-graphics NX-11, Catia V5, Team Center, Creo 2.0, Solid works**
- Working on heavy assemblies like tower assembly, nacelle assembly electrical cabinets assembly assembly drawings and BOM creations in team center.
- Knowledge on qualifying parts, Routing components & routing terminologies.
- Clear understanding of manufacturing processes and suitable design of components to achieve DFM DFA and DFMEA requirements.
- Experience in **wiring Harness Design, Form Board Drawing.** and Development
- Worked on **Electrical Harness routing** in Control Panels based on **ZCD**.
- Creating ODI drawing creation as per **ZCD** documents.
- Working on Platform 3D model Updation and master sketch modifications
- Experience in mechanical industry with comprehensive technical skill set in the areas ProductDesign, Design feasibility and review, Manufacturing, New product development
- Good knowledge on fabrication and developing, Machining, welding symbols and Welding process
- Design and development of solid, sheet metal surface modeling with material selection and manufacturing process.
- Creating new items, datasets. Filling **GPDM** properties for the Items
- Have good problem solving, organizational and decision-making skills.
- Having good knowledge on Team center, creating items, Part revision, Business rules EDPStructure and searching items in **Team Center**

Professional Experience and CURRENT COMPANY:

Company Name: AXISCADES Technologies Pvt. Ltd.

Duration: Nov 2018 to Till Date.

Role in AXISCADES for Siemens Gamesa Renewable Energy Client:

- New 3D routing concept design for Siemens SG5X windmill project for both prototype 1 and 2.
- I have been engaged in **Harness routing with Form Board drawings**, Cabinet design & ODI drawings (**Onshore**) and Tower internal platform design (**Sheet metal part design**).
- Working on **Mid Tower Internal Harness routing in CABLE loop platform and Section platform parts** 3D design and 2D detail design
- Responsible to create **BOM** in **PLM** database and match the same in CAD assembly
- Supporting for **Engineering change order** drawings to production for Tower Components
- Experience on Cable routing and drawings for different cable sets viz., Addon's and Smoke detector.
- Prepare **weekly reports** and **budget reports** for the Catalogue Parts migration project and Conduct the weekly and Bi-weekly status meetings for timely delivery of the models by leading a team of 6 engineers.
- Drive operational improvements within the team to develop, identify and achieve goals, Initiatives, and **productivity improvement ideas** for the ongoing projects.
- Worked on Wind Turbine **PUTU** electrical cabinet internals team Design & Development of Sheet metal products (enclosures, covers, panels, Brackets, frame, mounting plates, Doors) as per Wind turbine Standards.
- Working in tower internal components like **ladder** and **platform master sketch** plate form drawings
- Working on **SST, Non SST** and smoke detector **electrical cable routing** and drawing creations
- Selection of suitable type of Cable tray according to SGRE standard by considering surrounding components / conditions.
- Making **Master sketches** and sheet metal detail design 3D modelling and 2D, **GPS** drafting for panel/section platforms, Cable loop PF cable design using NX-11.
- Involved in the concept design for PUTU internal electrical harness routing.
- Involved in the creation of **formboard drawing** after completion of harness routing loom assembly
- Making sheet metal drawings with GPS and BOM, Creating ECN.

Previous company :

Company Name: QuEST Global engineering Pvt Ltd: Jan 2018 to Nov 2018

Responsibilities: *MoveSU2NX FY18 - Industrial Steam Turbine – Siemens, Germany*

- Support Siemens in Content Migration from Pro E to NX. Repair and Review of the migrated files Pro-E Models, Assemblies and Drawings in NX-11 of Gas turbines and supporting structure.
- Publishing, importing, and releasing the parts in Teamcenter.
- Preparing the project support document like lesson learnt Best practices and checklist.
- Supporting Siemens, for various build issue projects and Selecting materials and required manufacturing process.
- Fastener's technology (Bolts, Rivets) Lifecycles (Transport, Logistic, Handling, Production)
- Publishing, importing, and releasing the parts in Team center.
- Preparing the project support document like lesson learnt Best practices and check list.
- Conducting weekly status meeting with customer and updating the task level status.

- Assisted in the preparation of Interface Control Document for the Industrial Gas turbine Engines, using **UG NX** Drafting.
- Worked on components like compressors casings, combustor casings, pedestal bearings, Control valve and stop valve assemblies, turbine rotor assembly, diffusers etc.
- Remastering the existing Pro – E models and drawings in NX 11 to support new product development

Previous company :

Company Name: Weir Minerals India Pvt Ltd (Payroll: CADD MAXX)

Duration: 1.3 years (Since Sep 2016 to Dec 2017),

Role: Design Engineer

Domain: Mining equipment. Pump domain, product design.

Software Skills: **Unigraphics 8.5, PLM (Team center 10) and PTS (Product Template Studio)**

Area of Expertise: 3D Modeling and detailing, Product Development, BOM. Order engineering, PTS(Pump set configurator)

Roles and Responsibilities:

- Hands on experience in Design and modeling using **UG (NX 8.5)**
- Hands on Experience **in product design and development**
- Hands on experience on preparation of 2D manufacturing drawing
- Having good hand experience on part modelling, sheet metal, surface model.
- Working experience on components of centrifugal pumps like Expeller, Stuffing Box, PumpCasing and Bare shaft
- Having good knowledge on **Teamcenter**, part revision, Business rules, New items creation in TC, Export and Importing items, structural manager and ETO creation
- Implement kaizen on pump set configurator.
- Automation on mining equipment's by using **UG (NX 8.5) and PTS tool**
- Casting, forging drawing detailing and creating & revising items in Teamcenter
- Creating parametric models by using the expressions
- Create 3D models and detailed drawings using Unigraphics software for raw Machining, Weldment drawings (Casting/Forging) and finished components.
- Creating template by using **PTS** tool.
- Creating 3D models and 2D drawing by using expressions (if and else conditions).
- Controlling assembly and 2D drawing by using the expression.

Previous company:

Company Name: Sumeco Metal Pressing Pvt Ltd, Pune

Designation: Design Engineer.

Period: Since Nov 2014 to Sep 2016

Roles and Responsibilities:

- Update and/or create needed documents to design the components
- Anchor its design work, by interacting with other team within the company (product development, purchasing, manufacturing, after-market, Quality, Product rang management, Brands) and with our external suppliers
- Participate in technical questions/ support meetings with supplier/ vendor during manufacture.
- Involved in the creation of EBOM, ECN and release of all components in Teamcenter.
- Developing the templates for welding assembly for large productions.
- Responsible for creating the complete BOM, convert all 2D drawings to AutoCAD files for the punching program with giving proper bending allowances.
- Generated the whole assembly and necessary changes are made in parts without affecting overall dimensions.
- Handling and preparing bill of materials (BOM), Job checking and Quality inspection and correcting the drawing of component before delivering to manufacture

Academic Record:

- a) Bachelor's Degree in Mechanical engineering. (shiradi sai engineering college, Bangalore from 2010 to 2013) with 67% aggregate
- b) Diploma in Mechanical engineering, (BVVS polytechnic (auto) Bagalkot, from 2007 to 2010) With 64%
- c) S.S.L.C. (SRA pu college Banahatti, 2007) With 63%

Declaration:

I hereby declare that the above-mentioned information and particulars are true and correct to the best of my knowledge.

Place: Bangalore

(Anil Gundi)