

CURRICULUM VITAE

Chetan A. Konde (B.E Mechanical)

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Objective:

Intend to build a career with the firm that provides me an opportunity to make strong contribution to organization goals through continued development of my professional skills.

Summary:

- 5 years of work experience in Generator set component, automobile and Mechanical systems.
- Products:
Power Generation –Automobile and Genset component, Enclosure & Cabinet, Harnesses
Research-Customize Vacuum Compatible system, Vacuum Chamber and Valves.
- Working knowledge and hands on expertise in **Creo Parametric 2.0** in Part Module, Assembly Module, Sheet Metal Module, Drafting Module, Cabling Module and Creo Diagram
- Implemented cost effective ideas into the project.
- Worked on Updating and Maintaining Design Document and Project Related data.

Skills:

- Part Modelling, Assembly and Drafting
- Sheet metal design and Development
- Geometric Dimension and tolerance
- Creo Diagram, Cabling Routing & Harness
- PDMLink Windchill & PLM (Matrix)
- Knowledge of Tolerance Stack up

Professional Experience: 5 Years 8 months

Duration	Organization	Role	Domain
June 2015– To till date	KPIT Technologies Ltd	Engineer	Automobile and Genset Components and sub system Reverse engineering
April 2013 –May 2015	Excel Instruments	Engineer	Research Industry

➤ KPIT Technology. (June 2015 – Till Now)

Project: Cummins Power Generation Fridley (Jul 2018 to till now)

Department: MEDS (Cummins CPGF)

Client: Cummins Inc. USA

Project Description: Genset Integration and support

Responsibilities:

- Sheet metal Enclosure design, Bracket design for various component, Packaging Label drawing, Harness Modify.
- Creating Installation Drawing for Genset Subsystem.
- Concept design for Winter Genset and CAD Modelling
- Work on integration, Assembly restructuring and Mechanism

Project: Genset Value Engineering and Support (Jan 2018 to Jul 2018)

Department: MEDS (Value Engineering)
Client: MTU Rolls-Royce India
Project Description: Genset Value Engineering and Support
Responsibilities:

- Understand functionality of the various Genset Subsystem.
- Analyze the quality issue and prepare documentation.
- Calculation for air intake system and Ventilation.
- Work closely with Control Panel, Alternator and Battery sizing
- Study of different manufacturing process sheet metal component and its costing.

Project: Cummins Automatic Transfer Switches (May 2016– Jan 2018)

Department: MEDS (Cummins ATS)
Client: Cummins India Design Centre
Tools/Technologies: Creo 2.0, PDM Windchill, Creo Cabling & PLM Matrix
Project Description: Design & Development of Cummins Automatic Transfer Switch(ATS)
Responsibilities:

- Concept generation, modeling and detailing
- Modifying Harness assembly, adding network and routing using manual and parametric.
- Design and project reviews with Project Leads and Assigning work to team members as well as to solve queries for ongoing work
- Design of 3X and 4R Enclosure adhering to standards.
- Understand Failure modes, analyze report and design accordingly

Project: Cummins Power Gen P2P Reverse Engineering (August 2015– May 2016)

Department: MEDS (Cummins P2P)
Client: Cummins Inc. USA
Tools/Technologies: Creo 2.0, PDM Windchill, PLM Matrix
Project Description: Engineering and Analytical services to validate and finalize the parts
Responsibilities:

- Compare and analyze the deviations using Qualify tool using Geomagic.
- Prepare a DVA report with observations on critical areas
- Update the 3D CAD and 2D CAD files as per markup and recommendation received from Reviewer on the DVA report
- Upload CAD, Non CAD and Document Data in PDM
- Design and drawing review with CFT and Project Tech Leads.

Project: Cummins filtration Air/Liquid (June 2015 – August 2015)

Department: MEDS (Cummins filtration Air/Liquid)
Client: Cummins filtration Air/Liquid (USA/Brazil/Turkey)
Tools/Technologies: Creo 2.0, PDM Windchill, PLM Matrix
Project Description: Design, development and support to Cummins Filtration Engineering
Responsibilities:

- Worked on Air filtration Parts such as Housing, Dust ejector, support cylindrical media, air cleaner cover and direct flow filter Housing,
- Creating 2D and 3D of various Air filter parts and assemblies.
- Modify casting and sheet metal parts like filter heads, shells & nut plates.
- Design review of filter heads, molded endplates, and nut plates.
- Conduct Customer call for ongoing work

➤ **Excel Instruments. (April 2013 –May 2015)**

Department: Design
Client: IIT,NIIT,TIFR
Tools/Technologies: Creo 2.0, AutoCAD
Project Description: Design & Development of Customize vacuum compatible system and Valves
Responsibilities:

- Creating conceptual design with engineering detail.
- Design of PLD, Sputtering System, filament heaters and Valves.
- Follow up with Procurement, suppliers & Production for On Time Delivery
- Work Closely with Production and Assembly to meet customer requirements_and also improve existing design for manufacturability.
- Concept Prototyping & Product costing

Educational qualification:

Degree	Year	University
Mechanical Engineering (BE)	2012	Shivaji University
HSC	2008	Mumbai State board
SSC	2006	Mumbai State board

Date:**Place:**

(Chetan A. Konde)