

Jignesh Panchal

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Summary:

- Skilled professional with **Bachelor of Engineering in Mechanical** Stream.
 - **Detail-oriented, highly motivated engineer with 10+ years of experience in leading organization**, and developing innovative processes. Proven ability to in cross-functioning product design in collaboration with multidisciplinary departments. Improving efficiency with decreasing cost.
 - Committed to the highest quality standard with focus on innovative modeling and consistent experimental analysis. Seeking new challenges within an industry-leading organization. Works independently with minimal guidance & enjoys contributing as part of team.
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Professional Experience:

Inspiron Engineering Pvt Ltd, Ahmedabad.

(Senior Engineer – Engineering Services for KPO Design Department, March 2019 to Present)

Reporting to DGM-Engineering services

- Designing & modifications of machines and its parts as per clients need as special food equipment using Autodesk Inventor & Solidworks.
- Preparing 3D modeling & manufacturing drawings as per client's eSOP within estimated timeline by clients.
- Co-ordinate with clients or Onsite engineer to resolve any query.
- Team handling, managing & Support to Sub-ordinate Engineer to create model, drawings as per standard and decision.
- Release the model, drawings for client's review for release to manufacturing.
- Convince the clients for alteration of Standard Norm parts, bought out items using PLM system identification
- Visited Onsite at The Netherland's at Customer end for Two Month.

Parle Elizabeth Tools Pvt Ltd, Ahmedabad.

(Executive – Design & Development, February 2017 to March 2019)

Reported to Senior General Manager-Business Head

- Designed & improved existing product as well-developed new product feature in machine for better functions with utilize basic engineering calculations practices.
- Continuous improvements in machine for easy assembly/manufacturing, cost reduction, analyzed design. Product design including prototyping, manufacturing product to the testing stage.
- Selected standard bought out items, material selection for machine's component.
- Managed all phases of design process for a multitude of products, component, part, assembly & sub-assembly, including drafting, dimensioning, geometric tolerance with Autodesk Inventor tool.
- Managed the drawings & design documentation records e.g., BOM, CBOM, DCR, ECR and DCN.
- Analyze the customers requirement as per received the Sales order & modified the machine, prepared the GA.
- Attained customer's/service issue for resolve problem by design department, machine improvement meeting with JV partner.

Ammann Apollo India Pvt Ltd, Mehsana.

(Design Engineer, July 2015 to February 2017)

Reported to Manager-Engineering & Technology

- Designed, development of product, Projects development, Engineering Calculation.
- Localization of overseas design, convert to Indian Standard-Parts. reverse engineering.
- Prepared 3D modeling, assembly, sub-Assembly, part, manufacturing drawings-fabrication drawings, machining drawings with geometric Symbols.
- Prepared BOM as Ammann Standard. BOM entries in SAP. Updated drawings as per ISO Standards-DCR, ECR, DCN
- Co-ordinate with production, purchase department for new project.

Everest Fabricators Pvt. Ltd, Ahmedabad.

(Design Engineer, July 2012 to July 2015)

Reported to Engineering Manager

- Exposure to machine design concept. Modified of product. Material selection for machine component.
- Prepared 3D Models including sub-assembly, assembly using Solid Works for new products. Detailed drawings i.e. fabrication structure drawing, sheet metal drawing, layout to cut plate. Prepared BOM
- Co-ordinate with workshop and solve drawing queries of Shop-supervisor.
- Taken Techno-Commercial/Onsite work visit at The Netherlands for One Month.

Edwin Pharma Machineries, Ahmedabad.

(Design and Drafting Engineer, March 2012 to July 2012)

Reported to Technical Director.

- Prepared drawing with AutoCAD and check the modified design for assembly point of view.
- Weight calculation and costing of component.
- Reviewed Manufacturing Process.
- Supervised the whole production process.

Major Projects and Vocational Training Accomplished:

- Design & Analysis of Epicyclic Gear Train (Differential Gear Box)
 - Designed calculated the all gears of differential gearbox. Select the material of gears.
 - Designed calculated bearings which are used in gear box at specific load and also calculated shaft size at required r.p.m.
 - Made assembly and detail parts using 3D modeling software Inventor. And made analysis report whether design is safe or not.
- Taken Industrial Summer Training at Erhardt+Leimer (India) Pvt Ltd, Ahmedabad.
 - Taken the training in Production department of above organization.
 - Got the knowledge of various conventional and non-conventional machines which are used in nowadays for production purpose.
 - Got the knowledge of manufacturing process planning.

Education:

- Bachelor of Engineering (Mechanical) from Sankalchand Patel college of Engineering, Visnagar passing year June 2011.

Extra Activities at College Level:

- Participated in Robo-wrestling competition in XENESIS 2010 at LDRP-ITR., Gandhinagar.

Core Strengths/Technical Skills:

AutoCAD	Autodesk Inventor	SolidWorks
Autodesk Product stream (PDM)	Agile (PLM)	Pro-E Wildfire 5
MS DOS.	Basics of C & C++	Office'07 & '03