





Pramod Kumar Singh

Design Engineer | L&T Technology Services

 Santoshi Nagar, Vadodara, Gujarat – 390024

 pramod2mech@gmail.com

 +91 7020000895

Mechanical engineer with experience in product design & development for rotating equipment (Centrifugal pumps) and automotive components(Off-Highway).

Work Summary

- Part modeling, Surfacing, Asm.
- GA drawing, BOM.
- GD&T, Tolerance stack up.
- API Piping plans.
- P&ID, CS, Layout, Schematic.
- Data Sheet, Specification, SPIR.
- PAD & Phase study of drive shaft.
- Change management using PLM.

Standards

- ASME Y14.5, API 610, API 682.

Software Expertise

- Creo, Auto CAD, CATIA V5, NX, SolidWorks, Windchill, ERP.
- Adobe Acrobat, MS Office 2019.
- MS Excel (Advance), VBA.
- Python for Data Science.

Certifications

L&T ATL

- Project Management, QMS.
- Value Engineering, Six Sigma.
- 5S Methodology, Gemba Kaizen.
- Total Productive Maintenance.

IBM Cognitive class

- Python for Data Science.

Experience Summary | 4.8 Years

Design Engineer

L&T Technology Services, Vadodara | Jul 2019 - ongoing

- Concept design & product development of sub-system components required in vehicle integration (driveline, body, suspension and chassis).
- Perform PAD study, Phase study, clearance checks and tolerance stacks
- Design of Body Module using BoM generated for relevant vehicle.
- Create engineering drawings and manufacturing drawings.
- Prepares reports using Microsoft PowerPoint.
- Performs engineering calculations
- Creates and maintains system engineering standard, and lessons learned.

Design Engineer

ITT Corporation India Pvt. Ltd. Vadodara | Nov 2015 - Jun 2019

- Proficient in development of order specific single and multistage centrifugal pumps for API 610 horizontal product range which includes overhung (OH1 and OH2) and between bearing (BB1 and BB2) pumps.
- Prepare GA drawings using Web based Pump Automation Tool) in Creo3.0 with Parameters, Relations, Pro-Program, Family Table.
- Prepare P&ID, Cross-sectional drawing, Name plate using AutoCAD.
- Develop bare pump and baseplates using specification data.
- Preparation and modification of BOM using ERP system.
- Design and Development of ISO and ANSI pump.
- Establish component dimensions and tolerances.
- Axial and radial thrust calculation.
- Prepare technical documents like Pump data sheet and Pump performance curve.
- Update SOP for design & process change as per ECN, ECO report.
- Generate .dxf/.ige /.step/.pdf file for manufacturing purpose.
- Worked as an active team member for 5S & Kaizen activity regarding Design and development.

Education

University/Board	Qualification	Year	Marks
Uttar Pradesh Technical University	Bachelor of Technology in Mechanical Engineering	2015	68%
Board of high school and intermediate education, Uttar Pradesh	Higher Secondary Certificate	2011	69%
	Secondary School Certificate	2008	61%

Achievements

Awarded by ITT India for conducting knowledge sharing sessions in Akriti on

- Mechanical seal and API 682.
- Pump seal chamber.

Extra activities

- Active member of first aid team and CSR team in LTTS.
- Member of employee welfare committee in ITT India.

Personal Information

Date of Birth August 7th, 1994
Gender Male
Marital Status Single
Languages Hindi, English, Gujarati, Marathi,
Nationality Indian
Address Vill- Kushi, Dist- Ghazipur, Uttar Pradesh- 232326

Hobbies

- Photoshop
- Plying Volleyball
- Craft works and sketching
- Watching you tube videos