

Nikunj Dhameliya

Design And Quality Control Engineer

Contact

Address

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Skills

Problem-solving abilities
Excellent

Operational improvements
Very good

2D Drawings
Excellent

2D & 3D Modeling
Excellent

Mechanical Engineering
Excellent

Product Development
Excellent

Project Management
Excellent

Computer-Aided Design
Excellent

Design Engineering
Excellent

Collaborative Design Engineer with 3+ years of experience leading design, development and testing of jacquard machines. Considered valuable asset while contributing excellence in cross-functional project leadership to deliver products and solutions on-time and within budget. Strong communicator to translate design requirements into actionable plans.

Design Engineer with 3+ years of experience in CAD modeling and product development. Collaborative team player with proven track record of delivering multiple, concurrent projects in fast-paced environments. Drives production efficiency through qualitative analysis and process redesign.

Work History

2019-03 to **Design and Quality Control Engineer**
Current *Pickwell Engineering company, Surat, Gujarat*

- Followed quality standards and procedures to minimize errors and maximize customer satisfaction.
- Developed and deployed production control plans and created work instructions and procedures.
- Evaluated quality problems and performed assessments to identify and resolve issues.
- Increased customer satisfaction through adherence to quality standards and customer requirements.
- Wrote and implemented new rework procedures to standardize processes and streamline workflow.
- Rejected defective products and approved correct products.
- Improved quality processes for increased efficiency and effectiveness.
- Provided observations, took measurements and performed tests at various stages according to quality control plan.
- Demonstrated product and quality expertise in product inspections.
- Drafted new and updated designs using SOLIDWORKS, AutoCAD, NX, CREO Software.

AutoCAD	Very good
Project Design	Very good
Quick Learner	Excellent
Team Work	Excellent
Leadership	Excellent
Good Communication Skill	Excellent

- Applied mathematical skills and understanding of engineering principles to design new products, tools and systems.
- Developed and implemented process flow improvement and standardization projects.

2018-08 to **Mechanical engineer**
2019-03 *Kohinoor techno machinery, Surat, Gujarat*

- Tested models of alternate designs and processing methods to assess feasibility, operating condition effects, possible new applications and necessity of modification.
- Provided mechanical design analysis and prototype development of mechanical components of diamond industry machines.
- smodifications and commercial specification drawings using CREO and AutoCAD.
- Conducted research to test and analyze feasibility, design, operation and performance of equipment, components and systems.
- Designed, improved and implemented assembly lines using ergonomic and robotic manufacturing principles.
- Communicated project requirements and areas for improvement in design review meetings.

Education

2014-03 to **B.E Mechanical Engineering**
2018-06 *Marwadi Education Foundation Group Of Institution, Rajkot, Gujarat*

2012-03 to **GSHEB: Higher Secondary Education**
2014-06 *Gyanmanjary Vidhyapith , Bhavanagar, Gujarat*

2011-03 to **GSEB: Secondary Education**
2012-06 *Babyland vidhyapith, Bhavnagar, Gujarat*