

CURRICULUM VITAE

POST APPLIED: _____

KRUNAL PATEL

(MECHANICAL ENGINEER)



Having **6+ year** experience in **Project Execution and Maintenance**

D-802, Royal Homes, Opp. Satyamev Vista, Near. Gota Cross Road, S.G.Highway, Gota.

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Objective:

To build a reliable position by utilization of my strengths in an organization, that boosts up growth by challenging opportunities.

PROFESSIONAL SUMMARY

- I am team-oriented Mechanical Engineer who works effectively with all levels of employees in cross-functional teams. Trained in full cycle of product design from concept to production and assembly. Strong leadership and relationship-building skills.
- Solid command of technologies, tools and best practices in designing mechanical equipment using AutoCAD, Solid edge and engineering drawings.

PERSONAL SKILLS

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|-------------------|-------------------|-----------------------------------|
| • Self-motivation | • Team Management | • Problem Solving |
| • Decision Making | • Leadership | • Work Effectively Under Pressure |
| • Communication | • Creativity | |
| • Teamwork | | |

PROFESSIONAL / TECHNICAL SKILLS

- | | |
|---|---|
| • Project planning | • Proactive and Willing to Take on New Challenges |
| • Prepare Designs and Estimates | • Responding to breakdowns |
| • CNC VMC Programing | • Maintaining statistical and financial records |
| • Diagnosing faults | • Planning and undertaking scheduled maintenance |
| • Make Regular Site Visits | |
| • Supervising engineering and technical staff | |

COMPUTER SKILLS

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|--------------|------------|---|
| • Auto Cad | • UGC-NX | • MS Office (Word, PowerPoint, Excel, etc |
| • Cad cam | • ERP | |
| • Solid edge | • Internet | |

EDUCATION QUALIFICATION

- **SSC** - GSHSEB, 2007 (72.00%)
- **Diploma** - Mechanical engineering, Ganpat University, 2010 (58.00%)

PROFESSIONAL EXPERIENCE

Design Engineer

05/2011 to 04/2012

Maruti intelli Mech. (Machinery Manufacturer)

Job function: Manufacturer of machinery. Design, develop, validate and test printing machinery for a leading manufacturer of ceramic tiles.

Major Work Duties:

- Machine designing
- Planning
- Monitoring
- Assisted in all phases of the product-development lifecycle, from conceptualizing new product ideas through sketching, creating models, developing engineering designs, prototyping, testing, supporting production and rolling out new and improved products.
- I create design of different product parts and model using tools like: **AutoCAD, UGC-NX and Solid Edge**.
- Conducted modeling, simulation and analysis of structural components using CAD techniques.
- In addition, I developed programs for **CNC and VMC** machine to automate part-manufacturing process, which reduce time and cost of manufacturing.
- Product has been designed in such way, which reduces material west, deliver best quality and high speed performance, reduce cost of operation and maintenance.

Mechanical Maintenance Engineer

05/2012 to Present

Gobind Glass & industry Ltd. (Gopal glass group)

Job function: Manufacturer of patterned (figured) glass, rolled glass and wired glass in both flint and tinted form with variety of designs having several designs patented.

Major Work Duties:

- Machine designing
- Monitoring
- Planning
- Maintenance
- Assisted in all phases of the new production unit development lifecycle, from conceptualizing new foundation ideas through sketching, creating models, developing engineering designs, prototyping, testing and rolling out.

- During that phase I designed different modules & machinery. like: **Furnace, Batch house, Conveyor, screening M/C, Elevator, mixer, Storage silo** and many other modules of manufacturing work.
- Actively participated in workshop development and installed machinery like: **Lathe, Sapper, Milling, Wooden cutter, Bench-saw, etc.**
- In addition, I worked with large number of equipment like: **screw compressor, reciprocating compressor, brush less generator, cooling tower, oil pump (Gear and Rotor Type), etc.**
- Conducted maintenance for **centrifugal water pump, Submersible pump, EOT Crane, Wooden Cutter, Bench Saw M/C, Screw feeder, Dust collector, Batch mixer M/C, glass m/c, Pneumatic air cylinder, Air blower, auto cutter, water treatment plant, etc.**
- Actively participated in **ETP plant** installation.
- Have experience of handling maintenance in running plant
- Analyzed current processes, base on that, I designed, developed and installed following machinery: **Auto cutter, batch house machinery, Glass M/C, Softener plant, crane, etc.**
- Created specification documents and work packages for projects
- Developed estimates for installation and maintenance work
- Design maintenance protocols to ensure standardized procedures throughout facility

Current working project: Double Lehr glass furnace & Auto sorting cullet washing plant

Next Target: New manufacturing unit for production of figure glass.

ACHIEVEMENTS

- Product developed by me is listed as best product of ever till date
- Successfully developed new production unit for glass manufacturing
- Appreciated by managers of different department for new innovations
- Proved to be an excellent team leader and motivator

LIFE AT GLANCE

- | | |
|---------------|--------------------|
| • Photography | • Music |
| • Travelling | • Computer games |
| • Cricket | • Internet surfing |

PERSONAL DETAILS

DOB: 14 June 1991
Gender: Male
Marital Status: Single

Languages known: English, Hindi and Gujarati

I hereby declare that the above-mentioned information is true to the best of my knowledge.

- Krunal Patel