Parth Patel

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Objective:

Highly motivated Technician with a commitment to excellence and a broad understanding of Lathe, Milling Machines. An effective collaborator promoting Hydraulic Equipment and handy with mechanical tools.

Skills:

Organizational	Time Punctual	Confident
Hard Working	Quick Learner	Strong Decision Making
Problem Solving	Ms. Office	

Core Competencies:

Communication
Technical and Layout (Blueprint reading), Excellent Verbal and Written.
Mechanical
Pneumatics, Hydraulics, Pumps, Conveyors, Compressors, Fans, Fabrication, Machining etc.
Conventional machines
Lathes, Mills, Surface grinder, various types of cutting machines etc.
Electrical
Wiring, Troubleshooting, Motor controls, ~~Diagram~~ reading etc.
Quality Improvement Tools
Pareto Chart, Bar Chart Histogram, Gauge R&R, Six Sigma.
PLC
Programming, Program troubleshooting, Wiring etc.
Hand and Power tools
Drill, Grinder, Taps, Micrometer, Vernier, Fabrication tools etc.

Education:

Mechanical Engineering Technician – Industrial
(St. Clair College, Windsor, ON) Jan-2018 to April-2019

Bachelor of Mechanical Engineering

(Gujarat Technological University, Gujarat, IN) July-2013 to Apr-2017

Technical Projects:

- **Renewable Energy Generation System Using Flywheel** June-2016 to April-2017
  - This project is done in Two Phase. In the 1st phase research and finalization of the project.
  - Complete the basic model design and components design using the Auto-cad and solid works.
  - Finalize the materials and operation of procedure for fabrication and assemble the components.
  - In the 2nd phase order the material and assemble it and fabricate the frame and make a model.
  - After fabricate and assembly of model in the test the model was work and its 65% efficient

- This prototype was design for 10-12V and operating speed range from 500-2500rpm.

❖ **Project On Preventative Maintenance For Manual Lathe Machine** Sept-2018 to Dec-2019

- A goal behind this project for lathe maintenance is to eliminate or to avoid unnecessary or unplanned downtime due to failure.
- The objective of Maintenance Management (MM) is to ensure the reliability and safety of plant equipment. Knowing that all equipment components will wear, appropriate management must be applied to avoid unplanned failure.
- Daily, Monthly, and Yearly check list created for maintenance schedule.

❖ **Capstone Project on Centerline** Feb-2019 to April-2019

- The aim of the project is to manufacture the designed projects of Centerline by using various techniques and machines.
- Machining methods were decided with due consideration to the complexity of Centerline's prints and their stringent quality and accuracy requirements while ensuring we minimize waste and scraps that occur due to unexpected errors.
- By using the proper machinery, we overcame many hurdles; this report is our small contribution to show our performance on this project.

Experience:

Machine Operator – Kingsville Stamping LTD. (Kingsville, ON) Aug-2018 to March-2019

- Supervised and adjusted machinery when necessary, reducing downtime.
- Followed technical documentation, including tooling instructions and product specifications to determine and implement operational sequences.
- Maintained equipment performance by completing routine maintenance actions such as lubricating and cleaning components.

Senior Sandwich Artist – Subway (Windsor, ON) April-2018 to July-2018

Night Stocker-Walmart (Windsor, ON) Dec-2018 to Present

Voluntary Experience-BAPS organization (Worldwide) Jan-2009 to Present

Professional Development:

WHMIS
VALID DRIVING LICENSE
MS OFFICE
AUTO-CAD
CERTIFIED SIX-SIGMA GREEN BELT CERTIFICATE

References Available Upon Request