Farhan Motala

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# Professional summary

Skilled CNC Mechanical Technician with expertise in programming and operating CNC machines. Proficient in G-code, blueprint interpretation, and CAD/CAM software. Strong focus on precision machining, quality control, and process optimization to ensure high-quality production.

# Skills

* **CNC Programming**: Proficient in G and M code.
* **Machine Operation**: Skilled with CNC mills, lathes, routers and lasers.
* **Blueprint Reading**: Accurate interpretation of technical drawings.
* **Quality Control**: Using calipers, micrometers.
* **Material Knowledge**: Understanding properties of metals and plastics.
* **CAD/CAM Proficiency**: Knowledge in SolidWorks, Mastercam.
* **Precision Machining**: High-tolerance parts production.
* **Adaptability**: Quickly learning new technologies and processes.
* **Troubleshooting**: Resolving machine and programming issues.

# Employment history

**Phil Bouchard and Sons**  
*September 2024 – Present*

**CNC Machinist**

* Operate And setup CNC mills, lathes, lasers, routers, and saw machines to manufacture high-precision components.
* Cut and prepare raw materials to exact specifications using advanced saw machinery.
* Ensure dimensional accuracy and quality standards using precision measuring tools.
* Conduct routine maintenance and troubleshoot equipment to minimize downtime.
* Collaborate with the production team to optimize workflows and meet project deadlines.

**Spektrum Machine Shop**  
*Jan 2024 – Sep 2024*  
**CNC Programmer and Operator**

* Developed and optimized CNC machines using software such as Mastercam, SolidWorks, and NC Plot.
* Set and adjusted tool offsets and work offsets for various CNC machines, ensuring high precision and accuracy.
* Operated CNC machines to produce parts according to specifications and blueprints.
* Monitored machine operation, ensuring correct feed rates, spindle speeds, and tool performance to optimize machining efficiency.
* Troubleshot and resolved CNC machine issues, ensuring minimal downtime and maintaining high productivity.
* Proficient in G-code and M-code programming for advanced machine control and customization.
* Conducted quality control inspections using micrometers, calipers, and verniers to ensure finished parts met required tolerances.
* Collaborated with production teams to streamline workflow and ensure timely project completion.
* Consistently followed safety protocols and quality standards to maintain a clean and efficient work environment
* Able to operate saws accurately to meet specified dimensions

**Loblaws Company Limited**  
 *April 2023 – Nov 2023*  
 **Customer Service Representative (HMR Department)**

* Delivered exceptional customer service by effectively communicating with customers to enhance their shopping experience.
* Resolved inquiries and issues promptly, showcasing strong problem-solving and interpersonal skills.

# Education

CONESTOGA COLLEGE SCHOOL OF TRADES AND APPRENTICESHIPS

CNC MECHANICAL TECHNICIAN

* APPLIED TECHNICAL MATHEMATICS
* PRECISION MACHINE PRACTICE
* PRECISION MACHINE THEORY
* MECHANICAL ENGINEERING DRAWING
* CNC MANUAL PROGRAMMING
* ARTIFICIAL INTELLIGENCE
* CAD SOLID MODELLING
* CAD/CAM BASICS
* CNC CONTROL AND PROCESS
* FIXTURE AND TOOLING
* CAD/CAM ADVANCED
* PRECISION TURNING AND MILLING.

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