

Tarsem Singh

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Summary

Eager CNC Machinist student with hands-on experience in setting up, programming, and operating CNC machinery to produce high-quality parts according to specifications. Highly organized and hardworking with collaborative nature, good follow-through and excellent listening skills. Reads and understands technical documentation. Have a good knowledge of manufacturing and assembly processes, including operating machinery, interpreting technical drawings, and maintaining quality standards.

Education

Mechanical Technician - CNC and Precision Machining in Engineering.

George Brown College |Toronto, ON

- CNC programming and machining.
- GD&T, speed, feeds and tolerances.
- 3D printing and prototyping.

Bachelor of Science (B.Sc.)

Jaipur National University |Rajasthan

- Fundamentals of Engineering.
- Design and Manufacturing.

Experience

MTG General Machining| Scarborough,

Manual Machinist (12/2023 – 10/2024)

- Always followed safety protocols while operating machinery.
- Maintained a clean work area around the manual machine always.
- Inspected finished products for conformance to customer requirements
- Set up and operated Lathe & mill machines to form metal parts according to blueprint specifications.
- Utilized hand tools such as dial Calipers, Gauges, micrometers when necessary.

Skills

Hard Skills:

- Machine set-up: Skilled in manual and CNC machine setups (3-axis,4-axis, 5 axis, CNC lathes and all types of manual machines).
- Instrument handling: Capable of measuring precise and accurate values using various measuring instruments.
- CNC machines: Proficient in operating CNC mills, CNC lathes, CNC routers, and multi-axis CNC machines, ensuring high precision and efficiency across various machining processes.

Soft Skills:

- G & M code programming: Skilled in creating programs using Mastercam, as well as writing and editing manual CNC code for optimized machining operations.
- Time management: Expert in prioritizing tasks, managing deadlines, and optimizing workflows to ensure timely work completion.
- Computer Literacy: Proficient in computer literacy, skilled in using software applications and quickly adapting to new technologies to improve efficiency.

- Attention to detail: Excellent attention to detail, ensuring accuracy and thoroughness in all tasks and documentation.
- Blueprint reading and interpretation: Skilled in reading and interpreting blueprints to ensure precise machining and adherence to technical specifications.

Projects & accomplishments

1. Jig Project
2. Pneumatic Engine Project
3. Progressive die
4. Lathe C&Y Project
5. Cylindrical Part (Operating 4&5 Axis Machine)