

Anmol Sali

Hamilton, ON | 289-968-3604 | Anmolsali785@gmail.com

EDUCATION

Mohawk College

Manufacturing engineering automation technician (Millwright).

Stoney Creek, ON

Sept 2019 - Apr 2021

Mehr Chand Polytechnic college

Mechanical Engineering Diploma

Jalandhar, India

Jul 2015 – May 2018

SKILLS

- Experience with Lathe and milling machine, technical blueprints, CAD software, motor repairs, and equipment rigging and Microsoft office (Excel, Word, PowerPoint)
- Excellent interpersonal, decision-making, time management, communication, organization, and leadership skills.
- Earned a AUTOCAD certificate specified in creating 2D and 3D drafting and solid and surface editing.
- Troubleshoot hydraulic and pneumatic systems to identify faults and interpreted schematics to perform effective repairs.
- Operated and maintained **ABB robotic systems** (IRB 6700, IRB 2600) using the Flex Pendant interface; optimized robot paths to improve cycle time by 10%.
- Experienced with **CNC machine controls, PLC troubleshooting, and schematic reading.**

WORK EXPERIENCE

Maintenance technician

BSB Manufacturing

Burlington, ON

Feb 2023- Present

- Perform scheduled preventive maintenance on CNC machines (lathes, mills, grinders, routers, etc.) according to OEM specifications, including inspecting and replacing worn components such as belts, bearings, spindles, filters, and lubrication systems to ensure optimal machine performance.
- Diagnose and repair mechanical, electrical, pneumatic, and hydraulic issues on CNC machines and related equipment, including troubleshooting and resolving problems with servo motors, drives, PLCs, control panels, and sensors.
- Troubleshoot and repair cooling systems, lubrication systems, and chip conveyors.
- Perform precision alignment of machine components using dial indicators, laser systems, or ball bar testing tools, and verify machine geometry to make necessary adjustments for maintaining tolerance and accuracy.
- Inspect wiring, circuits, and control panels for faults or wear, work with CNC controls (e.g., Fanuc, Siemens, Haas, Mitsubishi, Mazak) for parameter backup and restoration, and install, configure, or replace electrical components such as limit switches, relays, fuses, and drives.
- Maintain detailed maintenance logs and repair histories, record downtime causes and corrective actions to support continuous improvement, and update preventive maintenance (PM) checklists while ensuring compliance with safety documentation.
- Maintain and repair supporting systems such as air compressors, chillers, vacuum pumps, and coolant systems, while inspecting and servicing machine guarding, lighting, and safety interlocks to ensure safe and reliable operation.
- Follow all workplace safety standards (e.g., lockout/tagout, PPE use), ensure machine compliance with ISO and OSHA regulations, and participate in safety audits and continuous improvement initiatives to promote a safe and efficient work environment.

CNC Machinist**Burlington, ON****BSB Manufacturing****June 2020- Feb 2023**

- Set up, operate and maintain a variety of machine tools including computer numerically controlled (CNC) tools to perform precision, non-repetitive machining operations such as sawing, turning, milling, boring, planning, drilling, precision grinding and other operations.
- Read and interpret engineering drawings, blueprints, charts and tables or study sample parts to determine machining operation to be performed, and plan best sequence of operations.
- Perform routine and corrective maintenance on hydraulics and pneumatics systems to ensure optimal performance and minimal downtime.
- Verify dimensions of products for accuracy and conformance to specifications using precision measuring instruments.
- Set up and program machine tools for use by machining tool operators.
- Support production daily to ensure that customer needs are met.
- Enroll for continuous training and education on technical maintenance practices to be updated with the latest maintenance techniques and be able to keep equipment in the best possible conditions.
- Carry out routine servicing equipment as part of measures to prevent breakdowns and malfunctions, which could thwart production activities.
- Troubleshoot equipment to determine specific malfunctioning issues and tackle them accordingly.
- Accomplishes organization goals by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments.
- Install new hydraulic and pneumatic systems including piping valves, cylinders, and control units.

Assistant Engineer**Jalandhar, India****Punjab Roadways workshop -2****June 2018- Nov 2018**

- Performed engine hauling of buses to ensure the smooth operation.
- Replaced fuel filter, compressor filter and changed engine and transmission oil.
- Participated with senior engineer in the building of transmission and differential propeller shaft.

VOLUNTEER EXPERIENCE**Member of Walk Smart security program – Mohawk college, Hamilton, ON (Oct 2019 – Nov 20**

- Assisted staff and students to their cars, bus stops or houses in the surrounding community after dark.
- Reported to the program leader on a timely basis via walkie talkie and participated in campus safety campaigns.

HANDS- ON PROJECT EXPERIENCE**Mohawk College (Stoney Creek, ON).****Sept-2019- May2021**

- Prepared 2D blueprints to get a detailed visual representation of the work pieces.
- Made work pieces with MIG, TIG, and Electrode Arc Welding.
- I worked with Pneumatic and Hydraulic Systems in college labs for in-class projects.