

NAINESHKUMAR PANDAV

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PROFESSIONAL SUMMARY

Result-driven **Mechanical Engineer and Registered Millwright Apprentice** with **3+ years of experience** in troubleshooting, maintenance, machine installation and repairs.

Proficient in Hydraulics, Pneumatics, Electro-mechanical assembly and maintenance, blueprint reading and machining.

Noble team-worker with decent communication skill continuously improving for personal and professional goals.

SKILLS & ABILITIES

Hydraulics, Pneumatics & PLC wiring | Problem-solving, troubleshooting & Repairs | Manual machining & measurements AutoCAD, Inventor, blueprint reading & wiring diagrams | LOTO | Customer Service & client relationships | PM | HMI Microsoft office | lean manufacturing | Six-sigma application | Quality oriented mindset | Quick learner | Enthusiastic to learn | willing to travel | MIG, TIG, GMAW, SMAW Welding & Fabrication | Oxy acetylene & Plasma arc gas cutting | Attention to detail | Communication skills | CNC Machining | CNC Programming | multi-tasking | Mastercam

PROFESSIONAL EXPERIENCE

Maintenance Mechanic | Carney Battery Handling May 2024 - Present

- Perform a service and installation on client's site for battery handling equipments.
- Build and calibrate brand new machine at the shop with fabrication, assembly and alignment.
- Provide a support in repairing and maintenance or changing spares to multiple clients.
- Maintain an inventory for products and its consumables.
- Forklift and scissor lift operation for various assembly, dismantling and repair the machines.

Industrial Mechanic Apprentice | Steelcon Group of Companies Nov 2024 – May 2025

- Perform reactive and preventative maintenance on machines and production equipment.
- Use of variety of hand tools, power tools welding and troubleshooting and repairs of different equipment.
- Responsible for installing machines, LOTO and plant routine maintenance check-ups.
- Overhead crane and Forklift operation for material handling on a regular basis for heavy duty movement.
- Used CMMS software for maintenance management.
- Fabricate and weld parts for the maintenance purposes.

EDM Operator | Liburdi Turbine Services May 2023 – Nov 2024

- Set-up and operate CNC custom jobs of turbine rotors parts and blade.
- Prepare Jigs, fixtures and clamp depending on size, shape and properties of metals.
- Making appropriate CNC program to machine the finished product within 0.002" tolerance.
- Precision machining, use of various hand tools and multi-machine operation simultaneously.

Service & Sales Engineer | Kothari Infotech Private Limited Sep 2021 – Jul 2022

- Performed **on-field services, maintenance, PMs** and repairs for electromechanical machines and industrial printers using hand tools, multimeter and other tools.
- Machine installations, alignment and diagnostics as per **client's satisfaction**.
- Maintained strong tie-ups and relations with clients and achieved **efficient communication skills**
- Generated sales lead from the clients and open market for firm's business growth
- **Travelled 90% of the time** outside the hometown to attend servicing and maintenance issues.

Mechanical & Maintenance Engineer | Sahajanand Industries Jun 2019 – Jun 2021

- Material handling Conveyors mechanical & PLC wiring maintenance and diagnostics
- Acquired safety assurance by implementing **5-S principles** on workplace
- Carried PMs, general cleaning, repairing, and consumable spare changes on hydraulics hoses, filters, sensors and bearings

- Implemented **root cause analysis methods** to eliminate the repetitive maintenance and standardize SOPs on a workplace.
- Motor, pump, compressor, pressure vessel, control systems, HMI repairing, bearing, gear changes, wear and maintenance and alignment
- Gained **core competency in hydraulics** as working on high pressurized hydraulic servo valves, proportional valves, conveyor system with PLC analysis, and troubleshooting
- Ultrasonic and Dye-penetrant test on pressure pneumatic pressure vessels for safety check every 6 months.
- Applied **lean manufacturing** and **six-sigma methods** to improve product quality, customer satisfaction, and overall production efficiency.

EDUCATION

- **Manufacturing Engineering Technician – Automation (Industrial Mechanic Millwright).** Sep 2022 – Apr 2024
Mohawk College – Honours Graduate (3 levels of in-school Millwright training completed)
- **Bachelor of Mechanical Engineering** Aug 2015 – May 2019
Government Engineering College, Bharuch

CERTIFICATIONS

- ✓ WHMIS Workplace Safety
- ✓ Working at height certification
- ✓ Scissor lift Certification
- ✓ AutoCAD
- ✓ Diploma in Manufacturing Engineering Technician-Automation (Industrial Mechanic Millwright)
- ✓ Bachelor of Mechanical Engineering
- ✓ Work experience certificates
- ✓ Robo-expedition at IIT Bombay
- ✓ Millwright in-school training certificate
- ✓ Valid USA B1/B2 Visa & Canadian work permit
- ✓ Valid driver's G-license