

# Nikunj Kothari

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## PROFESSIONAL SUMMARY

**Red Seal 433A Licensed Millwright** with over 3.5+ years of experience in **automation installation and industrial maintenance**. Expert in assembling, troubleshooting, and repairing complex mechanical equipment using blueprints and specialized diagnostic tools. Dedicated to operational efficiency, safety standards, and preventative maintenance as an active **JHSC member**. Hard working professional, always curious to learn new concepts and very respectful to team mates and colleagues.

## PROFESSIONAL EXPERIENCE

**ATS Automation Tooling Systems Inc.** | Cambridge, ON **Mechanical Technician Millwright** | August 2021 – Present

- **Machinery Installation & Assembly:** Assemble and install industrial machinery using power tools, welding equipment before final installation, ensuring all systems meet project specifications.
- **Precision Alignment & Inspection:** Inspect machinery to detect irregularities and perform precision alignments using specialized tools such as **micrometers** and plumb bobs.
- **Preventative Maintenance & Lubrication:** Execute comprehensive preventative maintenance procedures, including cleaning and lubricating machinery, and accurately logging all activities to ensure safety and longevity.
- **Diagnostic Testing & Troubleshooting:** Perform diagnostic tests on functioning machinery to ensure safety and apply mechanical repair principles to resolve complex issues.
- **Fabrication & Repair:** Repair defective machine parts using **welding and brazing** tools; operate machine tools such as **lathes and grinders** to fabricate parts necessary for overhauls.
- **Hoisting & Rigging:** Safely operate hoisting and lifting devices, including **cranes**, jacks, and tractors, to position heavy equipment and parts during installation.
- **Technical Interpretation:** Read and interpret **blueprints**, diagrams, and schematic drawings alongside complex machinery manuals to determine precise work procedures.

- **Process Adjustment:** Adjust complex machinery for new patterns and products to maintain production efficiency and meet departmental KPIs.
- **Collaboration & Leadership:** Collaborate with engineers and construction teams to assess potential problems and recommend equipment changes to management.
- **Safety & Compliance:** Active member of the **Joint Health and Safety Committee (JHSC)** for 2+ years, ensuring 100% compliance with LOTO and safety protocols.
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## CORE SKILLS & CERTIFICATIONS

- **Licensing:** Industrial Millwright 433-A IP (Red Seal Endorsement).
- **Technical:** Welding/Brazing, Machine Tooling (Lathes/Grinders), Rigging, and Hydraulics.
- **Software:** AutoCAD, SolidWorks, Up-Chain PLM, Microsoft Office Suite.
- **Safety:** First Aid & CPR Certified, JHSC Member, Forklift Certification.

## EDUCATION

- **Bachelor's Degree in Mechanical**
- **Mechanical (Post-Secondary) | University of Windsor**
- **Licensed and Certified 433 A Millwright IP**