

# Justin Bui

519-781-5157 | Waterloo, ON | Email: buijustin567@gmail.com

## PROFESSIONAL SUMMARY

Technical Professional with over 3+ years of experience in mechanical assembly and electrical systems. Proven expertise in overhaul of motors, gearboxes, and pumps to minimize production downtime. Highly proficient in rigging, hoisting, and MIG welding with a strict commitment to LOTO and workplace safety protocols. Skilled in interpreting multi-discipline schematics to perform precision installations and complex system diagnosis.

## SKILLS AND COMPETENCIES

- **Mechanical Systems and Maintenance:** Overhaul of pumps, gearboxes, and motors; bearing and seal replacement, shaft alignment, and drive components
- **Fluid Power and Automation:** Troubleshooting hydraulic and pneumatic systems; robotic cell and servo motors with encoder repair
- **Rigging and Safety:** Rigging/hoisting, MIG welding, WHMIS 2015, Lockout/Tagout (LOTO)
- **Technical:** Reading blueprints and schematics (Mechanical, Hydraulic, Electrical)
- **Operations:** Leavitt Forklift Certification; micrometers/dial indicators for precision alignment

## WORK EXPERIENCE

**Service Repair Technician**, Trade-Mark Industrial Inc., Cambridge, ON Mar 2025 - Sep 2025

- Overhauled industrial motors, gearboxes, and centrifugal pumps to keep production lines running at full capacity
- Guaranteed equipment reliability by verifying component alignment and clearances to factory specifications using dial indicators and micrometers
- Restored critical machinery through bearing and seal replacement, ensuring all repairs met strict industrial safety and regulatory standards

**Electrical Apprentice**, Steckly Power Services Inc., Listowel, ON Nov 2024 - Feb 2025

- Installed and commissioned heavy industrial power hardware, including splitters, generators, and disconnects
- Maintained strict project timelines while completing electrical rough-ins and finishing for industrial agriculture and commercial sectors
- Managed precision EMT/PVC conduit bending and high-volume wire pulls, ensuring all runs met exact engineering specifications

**Mechanical Assembler**, Wabtec Corporation - Pride Bodies, Cambridge, ON Jul 2023 - Nov 2024

- Increased equipment uptime by building and repairing mobile hydraulic systems and heavy-duty crane components on custom track chassis
- Reduced installation errors by accurately interpreting engineering drawings and schematics to troubleshoot complex systems
- Integrated compressors and aftermarket accessories while maintaining strict manufacturing safety and quality standards
- Ensured structural integrity of industrial mobile units by applying precise torque specifications and fastening techniques

**Electrical Apprentice**, FIO Automotive Canada Corporation, Stratford, ON Dec 2022 - Jul 2023

- Restored automated production by troubleshooting and replacing circuit boards, sensors, controllers, and servo motors with encoders
- Performed preventive and corrective maintenance on pneumatic and hydraulic lines to cut down on stopped production time
- Sustained 24/7 manufacturing capability by analyzing and resolving mechanical and electrical faults in high-pressure environments
- Improved system reliability by documenting Major Downtime Reports to identify and eliminate recurring equipment failures

## CO-OP EXPERIENCE

**Electrical Technician**, Sanyo Canadian Machine Works Inc., Elmira, ON May 2022 - Aug 2022

- Wired industrial control enclosures and cable tray systems to match precise layout drawings
- Verified system functionality through point-to-point troubleshooting and terminations prior to commissioning

**Electrical Technician**, Engineered Lifting Systems Inc., Elmira, ON May 2021 - Apr 2022

- Supported heavy-machinery production by integrating mechanical components and wiring backplanes for structural units
- Interpreted complex schematics to perform point-to-point wiring and crimping for large-scale structural units

## EDUCATION

**Diploma, Electrical Engineering Technician - Industrial Program**  
Conestoga College | Kitchener, ON | **Graduated: December 2022**