

DEEP PATEL

Mechanical Engineering Graduate | Millwright Apprentice Candidate

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PROFESSIONAL SUMMARY

Mechanical Engineering graduate and Millwright Apprentice candidate with 1 year of hands-on industry experience in manufacturing and mechanical systems, supported by formal training in millwright techniques. Experienced in mechanical maintenance support, troubleshooting equipment issues, machining precision components, and interpreting technical drawings. Strong safety focus with training in LOTO, Working at Heights, and WHMIS. Motivated to develop skills in fixed plant equipment maintenance within industrial and mining environments.

MAINTENANCE & FIXED PLANT SKILLS

- Preventative and corrective mechanical maintenance support
- Mechanical troubleshooting (basic hydraulic and pneumatic systems)
- Shafts, couplings, belts, chains, and drive systems
- Mechanical assembly, disassembly, and alignment principles
- Exposure to pumps, motors, conveyors, and rotating equipment
- Blueprints, schematics, and technical drawing interpretation
- Use of hand tools, power tools, and precision measuring instruments
- Strong safety compliance and hazard awareness

WORK EXPERIENCE

Manufacturing Technician – ANUJ Industries (July 2023 – July 2024)

- Supported preventative and corrective maintenance activities on production machinery.
- Operated CNC lathes and milling machines to manufacture precision mechanical components.
- Assisted with troubleshooting mechanical issues to minimize equipment downtime.
- Interpreted mechanical drawings, tolerances, and specifications for accurate part production.
- Worked with rotating components such as shafts, couplings, and drive elements.
- Performed dimensional inspections and ensured compliance with quality standards.
- Adhered to LOTO, WHMIS, and safe work procedures in an industrial environment.

Manufacturing Intern – ANUJ Industries (June 2021)

- Manufactured flexible couplings using CNC machining techniques.
- Generated and executed CNC programs using G-codes and M-codes.
- Maintained dimensional accuracy and quality standards.

EDUCATION

Millwright Techniques – Humber Polytechnic College (Dec 2025)

Post Graduate Certificate – Practical Elements of Mechanical Engineering – Fanshawe College (Apr 2025)

Bachelor of Technology – Mechanical Engineering – Birla Vishvakarma Engineering College (Jun 2023)

SAFETY CERTIFICATIONS AND PRACTICES

- Working at Heights
- Lockout / Tagout (LOTO)
- WHMIS