

# Anjan Patel

Edmonton, Alberta

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## PROFESSIONAL SUMMARY:

Mechanical Engineering Technologist with over 4 years of experience supporting oil & gas and industrial operations in Alberta. Skilled in designing and testing mechanical systems using SolidWorks and AutoCAD, with a strong understanding of engineering standards including CSA, API, CAOEC, and ISO.

Known for analytical thinking, effective problem-solving, and a commitment to safety and regulatory compliance. Experienced in working independently and collaboratively within fast-paced, multidisciplinary teams. Eligible for P. Eng designation in Alberta.

## SKILLS

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- **Design & Drafting:** SolidWorks 2024, AutoCAD 2024, P&ID creation
- **Inspection & Testing:** Pressure equipment, NDE, QA/QC protocols
- **Documentation:** NCR initiation, QMS updates, KPI reporting
- **Systems & Tools:** ERP systems, MS Office Suite, SharePoint
- **Standards & Compliance:** ASME, CSA, API, ISO
- **Safety & Quality:** HSE procedures, LOTO, preventive maintenance
- **Mechanical Systems:** Hydraulic systems, rigging, cranes, pumps
- **Communication:** Technical support, cross-functional collaboration

## WORK EXPERIENCE

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### MECHANICAL ENGINEERING TECHNOLOGIST

*Kings Energy Services, Nisku, AB*

*October 2024 – Present*

- Conduct inspections and testing of approximately 200 pressure equipment units monthly, ensuring compliance with QA/QC policies, performance standards, and industry codes.
- Collaborate with the EQS Lead and P. Eng to meet technical requirements and maintain accurate documentation.
- Create and revise 2D/3D engineering drawings, P&IDs, and component models using SolidWorks and AutoCAD.
- Initiate and track Nonconformance Reports (NCRs) for inventoried, serviced, or manufactured equipment not meeting specifications.
- Support updates to the Quality Management System (QMS) and Health, Safety & Environment (HSE) documentation, contributing to successful audits and continuous improvement.
- Manage job orders and inventory through ERP systems, streamlining workflow and improving traceability.
- Develop equipment repair work packages for rig lifting equipment and assist in training new technicians on standards and procedures.
- Provide technical support to internal teams and assist customers in understanding product applications and specifications

## **MECHANICAL ENGINEERING TECHNOLOGIST**

*Unity Rig Equipment Inc Nisku, AB*

*Feb 2023 - October 2024*

- Executed precision measurements using micrometres and callipers to ensure component quality.
- Led documentation efforts for QA, engineering tasks, and project management.
- Reviewed QA documentation and implemented corrective actions for improved product quality.
- Produced detailed CAD drawings and supported continuous improvement initiatives.
- Applied mechanical troubleshooting to enhance product efficiency and reliability

## **MECHANICAL MAINTENANCE TECHNICIAN**

*Mayur Engineering Works, Gujarat, India*

*Nov 2019 – Apr 2022*

- Checked all machinery issues and kept accurate maintenance reports describing issues and solutions.
- Performed basic welding and carpentry tasks when required.
- Assembled and Disassembled parts and tools in the machine and repaired/replaced those as required as soon as possible tool bits, gears and bearings or belts.
- Conduct routine inspection of machinery equipment such as hydraulic pumps, tanks, etc. and perform maintenance as required.
- Maintain PM records of all machines and operational lines for annual maintenance.
- Perform lockout/tagout before work and ensure all personnel follow safety procedures.
- Always maintain a clean and safe work area and comply with all plant policies.
- Set up, operate, and maintain cranes, forklifts, and other material handling equipment

## **EDUCATION**

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### **Bachelor of Mechanical Engineering**

Gujarat Technological University, Gujarat, India

May 2015- June 2019

## **CERTIFICATIONS**

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- SolidWorks Certified (2024)
- AutoCAD Certified (2024)
- Class 5 Driver's License with clean abstract
- Eligible for P.Eng Registration – APEGA