

Yousef Alanazi

Mechanical Engineer

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📍 Saudi Arabia

PROFESSIONAL SUMMARY

Mechanical Engineer with a strong foundation in design, maintenance, and process optimization, gained through hands-on training at leading industrial facilities. Skilled in interpreting technical drawings, diagnosing mechanical systems, and implementing efficient engineering solutions. Eager to apply technical expertise in mechanical engineering roles, contributing to innovative projects and operational excellence.

EDUCATION

- **Northern Border University**
Bachelor's Degree in Mechanical Engineering | GPA: 4.71/5 (Excellent, with Honors)
Graduation Date: May 2025

GRADUATION PROJECT

Design of Palm Trees Waste Material to Enhance Solar Still Productivity | May 2025

- Increased solar still water output by 20% using sustainable palm waste integration.
- Optimized system design for cost-efficiency and environmental sustainability.

EXPERIENCE

Ma'aden Phosphate Company

Coop Training | June 2024 – Aug 2024

Engineering and Design Department

- Developed practical knowledge in engineering design principles and project evaluation.
- Interpreted isometric and technical drawings to support design and process optimization.
- Assisted in preparing technical reports and project documentation.

Central Workshop

- Gained hands-on experience diagnosing and troubleshooting pump and mechanical system failures.
- Conducted routine maintenance and inspections for various mechanical components.
- Applied best practices in equipment reliability, preventive maintenance, and operational safety.

Upstream Operations – Phosphoric Acid Plant, Beneficiation Plant (Wet & Dry)

- Supported plant operations by monitoring equipment performance and assisting in process improvements.
- Participated in cross-functional tasks enhancing operational efficiency and process reliability.

SKILLS

Technical Skills

- SolidWorks, AutoCAD, MATLAB, Minitab.
- Technical reporting and documentation.
- Data analysis and process optimization.
- Engineering design and project evaluation.
- Equipment troubleshooting and maintenance planning.

Professional & Personal Skills

- Teamwork & Effective communication.
- Problem-solving & Decision-making.
- Leadership & Organizational skills.
- Attention to detail & Prioritization.
- Adaptability & Flexibility.
- Critical thinking & Analytical reasoning.

COURSES & CERTIFICATIONS

- McKinsey Forward Program, Competitive Skills-Based Program.
- Professional Project Management (PMP) | 45 Hours.

PROFESSIONAL CLASSIFICATION

- Member, Saudi Council of Engineers.

LANGUAGES

- Arabic – English.