

Mohammed Mahzari

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SUMMARY

As a Mechanical Engineer, I supervised mechanical systems on-site, including HVAC, plumbing and firefighting, ensuring compliance with technical specifications, safety standards and quality requirements, while coordinating with contractors and consultants to resolve technical issues and monitor project progress. My career objective is to leverage my technical expertise and practical experience to contribute to innovative and sustainable mechanical engineering projects that improve operational efficiency and project outcomes.

EXPERIENCE

Tanmeiah Office for Engineering Consultancy | Saudi Arabia

Site Mechanical Engineer | September 2024 - July 2025

- Supervised site mechanical operations covering HVAC, plumbing and firefighting systems.
- Ensured compliance with technical specifications, safety regulations and quality standards.
- Coordinated with contractors and consultants to resolve technical issues promptly.
- Monitored project progress and reported on site activities to support timely delivery.

Royal Commission | Jazan City for Primary & Transformative Industries | Saudi Arabia

Engineering Intern (Summer Training Program) | July 2023 - August 2023

- Gained hands-on experience in project management and execution.
- Applied environmental protection standards within industrial projects.
- Engaged in designing and reviewing mechanical systems such as HVAC, plumbing and firefighting.
- Supported planning processes and ensured alignment with technical specifications.

EDUCATION

Jazan University | College of Computer Science and Engineering | Saudi Arabia

Bachelor of Science in Mechanical Engineering | GPA: 4.58 / 5 with Second Class Honors | June 2024

OTHER

Courses and Certifications:

- Risk Management Workshop | 8 Hours | April 2026.
- Introduction to ISO 50001 | 2 Hours | May 2025.
- Occupational Safety and Health Administration (OSHA) | 30 Hours | July 2024.
- Fundamentals of General Mechanics | 6 Hours | June 2024.

Membership:

- Member | Saudi Council of Engineers (SCE) | No: 1050067.

Projects:

- Senior Project: Design of Flow Visualization Device | August 2023 - May 2024.
- Research Project: Statistical Study on Corrosion Behavior of Artificially Aged 2017 Al Alloy | Various Temperature Exposures | February 2023 - December 2023.

Hard Skills:

- Design & Simulation.
- Using CAD Software.
- Knowledge of Thermodynamics.
- Review Technical Specifications.
- Understanding of Engineering Standards.
- Project Management.
- Microsoft Office Suite.

Soft Skills:

- Problem-Solving.
- Critical Thinking.
- Multitasking.
- Effective Communication.
- Time Management.
- Collaboration & Teamwork.
- Flexibility & Adaptability.

Languages: Arabic, English.