

# Jawad Saleh Al-Zahrani

[jawadzhh1@gmail.com](mailto:jawadzhh1@gmail.com)

+966506594702

Saudi Arabia

- **Summary**

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A Mechanical Engineering graduate and a member of the Saudi Council of Engineers, with knowledge of safety and quality standards. Experienced in supervising mechanical maintenance operations, HVAC systems, thermal analysis, control and energy management systems, troubleshooting, and mechanical analysis. Possesses strong problem-solving, analytical thinking, and communication skills.

- **Experience**

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**Ministry of Environment, Water & Agriculture, Saudi Arabia**

Mechanical Engineering Intern (June 2023 – August 2023)

- Supervised the maintenance of dam gates.
- Oversaw the maintenance of valves in dams.
- Conducted maintenance on power generators at dams.
- Ensured smooth workflow and accuracy of operations.
- Enforced safety and security standards in all maintenance activities.
- Managed workforce efficiency and quality in team operations.

- **Education**

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**Al-Baha University, Saudi Arabia**

Bachelor's Degree in Mechanical Engineering (2019 – 2025)

- **Certifications & Courses**

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- Occupational Safety and Health (OSHA) Certification – March 2025
- "Managing Safely" Course (IOSH) – March 2025
- Excel Spreadsheet Program Training – March 2025
- Workplace Stress Management Course – March 2025
- Introduction to Data Science and Artificial Intelligence – March 2025
- Introduction Project Management(PMP) – March 2025
- Project Resource Management – March 2025
- Engineering Drawing – March 2025
- AutoCAD – April 2025
- Introduction Professional Facility management -April 2025
- Personal Data protection - April 2025
- LV Circuit Breakers (ACB's, MCCB's) - April 2025

- **Memberships**

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Member of the Saudi Council of Engineers Membership No (1127289)

- **Skills**

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| - Proficient in (AutoCAD)                  | - Skilled in( Ansys )                |
| - Skilled in( Coppelia Robotics )          | - Fundamentals of project management |
| - Microsoft Office programs                | - Work under pressure                |
| - Strong general computer skills           | - Effective communication            |
| - Troubleshooting and error correction     | - Mechanical simulation and analysis |
| - (HVAC) systems knowledge                 | - Knowledge of control systems       |
| - Understanding of energy systems          | - Time management                    |
| - Familiar with technological advancements | - Problem-solving                    |
| - Planning                                 | - Teamwork                           |
| - I experience in Machine ( CNC )          | - Decision-making                    |
| - Flexibility                              |                                      |