

Mohammed Almagassy

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Saudi Arabia

SUMMARY

As a recent Mechanical Engineering graduate from Al-Baha University with honors, I possess a deep understanding of computational fluid dynamics, mechanical and electrical systems. My practical experience, gained through comprehensive training in maintenance of mechanical equipment and plant operations, has honed my proficiency in AutoCAD and the Microsoft Office Suite. With a knack for analytical problem solving and a strong foundation in engineering principles, I am keen to embark on a challenging role in the mechanical engineering field. My objective is to contribute innovative solutions, optimize mechanical processes, and actively participate in impactful engineering projects, fostering continuous professional growth within a forward-thinking organization.

EXPERIENCE

International Building Co. (Contractor with Tatweer Buildings Company) | Saudi Arabia

Project Engineer | Sept 2024 – Jul 2025

- Managed and supervised the installation, operation, and maintenance of electrical systems.
- Ensured the functionality and safety of main, general, and subsidiary electrical panels.
- Coordinated maintenance of water and fire pumps to meet building safety standards.
- Collaborated with teams to troubleshoot and resolve electrical issues efficiently.

Future Means Co. (Contractor with Tatweer Buildings Company) | Saudi Arabia

Mechanical Engineer | Feb 2024 -Apr 2024

- Mechanical engineer responsible for the maintenance of air conditioning and ventilation in school buildings.
- HAVC Systems Knowledge : In-depth understanding of HAVC systems ,ensuring optimal performance.

The National Water Company. (NWC) | Saudi Arabia

Trainee | Jun 2023- Aug 2023

- Assisted in diagnosing and troubleshooting mechanical systems to enhance operational efficiency.
- Engaged in collaborative projects focusing on optimizing water treatment and distribution processes.
- Conducted regular checks and maintenance of hydraulic systems to ensure consistent functionality and safety.

EDUCATION

Al-Baha University | Saudi Arabia

Bachelor's Degree in Mechanical Engineering | Dec 2018 – Nov 2023

- Bachelor's Degree in Mechanical Engineering (Graduated with Honors)
- GPA : 3.64 of 4

OTHER

● Courses & Certificates:

- CAPM | Professional project management | 35 credit hours.
- OSHA | Certified in occupational safety and health administration guidelines.
- Solar Energy | Skills in solar energy system design, installation, and maintenance.
- Introduction to SCADA Control Systems and PLC Panels | National Water Company.
- HAVC | Expertise in heating, ventilation, and air conditioning systems.

● Projects:

Graduation Project: "Plate Heat Exchangers Port Diameter using Computational Fluid Dynamics".

- Technical Skills:
- Project Management.
- AutoCAD Expertise.
- Preventive Maintenance.
- Microsoft Office proficiency.
- Power World software expertise.
- Computational Fluid Dynamics.

● Soft Skills:

- Communication skills.
- Time Management.
- Problem-Solving Skills.
- Leadership.
- Analytical Thinking.
- Teamwork and Flexibility.

● Memberships:

- Saudi Council of Engineers (SCE) Memberships No : 1007355
- OSHA academy authorized training provider

● Languages:

- Arabic (Native) , English.