

BASSAM ALATHLAWY

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Saudi Arabia

OBJECTIVE

Mechanical Engineering graduate seeking a position in a professional work environment where I can apply my academic knowledge and hands-on experience in infrastructure and seawater cooling projects. Motivated to contribute to developing innovative engineering solutions that align with the organization's goals.

EDUCATION

Bachelor's degree in Mechanical Engineering

August 2020 – May 2025

Jazan University- Jazan, Saudi Arabia

GPA: 4.28 out of 5

EXPERIENCE

Intern Royal Commission-JCPDI, Construction Engineering department June – August 2024

- Assisted in seawater cooling project infrastructure, handling GRP pipelines and quality testing (Barcol test).
- Gained experience in residential infrastructure: pressurized systems (potable & irrigation) and gravity systems (sewage & stormwater).
- Worked with UPVC & GRP pipes and valves (butterfly, washout, air release).
- Conducted hydraulic tests and leak tests to ensure compliance with standards.
- Managed project documentation, including RFI and MIR.

Graduation Project – Fiber-Reinforced Epoxy Composite

Jazan University, 2024 – 2025

- Manufactured epoxy composites reinforced with chopped glass fibers (5 mm, 15 mm, 30 mm).
- Performed mechanical testing (charpy impact, compression, hardness) to assess material properties.
- Collaborated in a team environment and delivered a detailed technical report.

SKILLS

- Teamwork, communication, and adaptability.
- Proficient in SolidWorks and Microsoft Office.
- Knowledge of infrastructure development and piping systems.

CERTIFICATIONS

- Engineering Accreditation Certificate -Saudi Council of Engineers (SCE).
- Project Management Professional (PMP).

LANGUAGES

- Arabic - Native
- English - Intermediate