

Mossa Al Ensaif *Mechanical Engineer*

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📍 Eastern Province, Saudi Arabia

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SUMMARY

Motivated Mechanical Engineer seeking to apply expertise in mechanical systems design, maintenance, and control to enhance operational efficiency and gain further hands-on experience.

EDUCATION

King Faisal University

Bachelor of Science in Mechanical Engineering

GPA: 4.19 out of 5

09/2019 – 01/2025

Al-Ahsa, Saudi Arabia

EXPERIENCE

HVAC Design Engineer

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- Develop and optimize HVAC designs for residential and commercial projects
- Conduct load calculations and select appropriate HVAC systems to meet client requirements.
- Prepare technical documentation, including schematics, specifications, and reports.

09/2025 – Present

Al Khobar, Saudi Arabia

Mechanical Engineers Program, *Internship*

Saline Water Conversion Corporation (SWCC)

- Participated in an intensive mechanical engineering training focused on desalination systems, HVAC design, and RO technology.
- Gained hands-on experience through workshops and on-the-job training in equipment maintenance, safety procedures, and plant operation.

07/2023 – 09/2023

Al Jubail, Saudi Arabia

ACADEMIC PROJECTS

Design & Development of a 3D Bioprinter

The project involves the development of a 3D bioprinter by modifying a conventional 3D printer to handle highly viscous biomaterials, with a focus on precision, functionality, and adaptability to meet the needs of biofabrication.

CERTIFICATES & COURSES

Certified Professional Accreditation, Saudi Council of Engineers

2025

Certified Associate in Project Management (CAPM), King Faisal University

2024

SKILLS

Hard skills

- AutoCAD & Mechanical Design
- Data Analysis (Microsoft Excel)
- Knowledge of Research Engines
- Machine Programming

Personal Skills

- Team collaboration & effective communication
- Critical, creative thinker & problem solver