

# - MESHARI ALTHOBITI -

## Mechanical Engineer

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Mechanical Engineer with a good knowledge and strong experience in managing the implementation of mechanical systems such as Air Conditioning Systems, Fire Fighting Systems, Drainage Systems, and Water Supply Systems. I am looking for work in an organization that has a professional and creative work environment that enables me to use my experience and knowledge in this field to be one of the successful partners in achieving its vision.

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## PROFESSIONAL EXPERIENCE

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### SAAD FAYEZ ALHALLAF ENGINEERING CONSULTANCY

Apr. 2024 - Present

Mechanical Engineer - Royal Private Affairs Projects

#### **Duties and Responsibilities:**

1. Preparing project workbooks, including scope of work, bill of quantities, and cost estimates.
2. Conducting technical and financial analysis of competitor bids for project tenders.
3. Supervising the implementation and delivery of mechanical projects.
4. Preparing technical reports and studies for projects.
5. Supervising contractor payments and invoices.

### SHAMAEL ALKHALEEJ COMPANY FOR CONSTRUCTION

Jan. 2021 - Apr. 2024

Shamael AlKhaleej Construction company works with the Ministry of Interior to implement some projects affiliated with the King Abdullah Project for the development of security centers. I am working on 3 projects with an estimated value of 100 million Saudi riyals.

- 1- Forensic Project.                      2- Traffic Division Project.                      3 - Patrol Dispatch Administration Project.

#### **Mechanical Systems in this Project:**

- HVAC System: Chilled Water System, Variable Refrigerant Volume System (VRV), Package and window system.
- Firefighting System: Wet Pipe Sprinkler System, Clean Agent System as FM200, and CO2 System.
- Drainage System: Sewage System, Chemical Drainage System, Blood Drainage System and Storm Drainage System.
- Water Supply System: Water Supply System, Water Filtration System, and Deionized Water System.
- Gases System: Medical Gases System and Liquid Petrol Gas (LPG) System.
- Building Management System BMS.

#### **Duties and Responsibilities:**

1. Supervision for mechanical work implementation and ensure that work execution is in accordance with approved drawings, submittals, and method statements.
2. Analyze and Interpret Project shop drawings and apply project specifications.
3. Submits site daily reports, inspection requests, and all applicable monitoring reports on a regular basis.
4. Testing and commission of Equipment of Mechanical systems such as Pumps and Air Conditioning units.
5. Quantities Survey (Q/S) and compare them with a bill of quantities (BOQ) for mechanical systems.

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## EDUCATION

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**Bachelor of Science in Mechanical Engineering** - Taif University - Graduation Year (2020).

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## COURSES

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**July 2023** | General Industry Safety (OSHA) - 30 Hours - Integrated Learning Training Center (ILTC).

**June 2020** | Design of Fire Fighting Systems - 30 Hours - Integrated Learning Training Center (ILTC).

**May 2020** | Design of HVAC Systems - 40 Hours - Integrated Learning Training Center (ILTC).

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## SKILLS

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**1. Projects Management**

**2. Problem-Solving**

**3. Emotional Intelligence**

**4. AutoCAD**

**5. Microsoft Office**

**6. HAP Program**

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## LANGUAGES

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**1. Arabic**

**2. English**

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## MEMBERSHIPS

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**1. Member of the Saudi Council of Engineers** No: 657955

**2. Member of the International Association of Engineers** No: 295113