

Marwan Bin Seddeeq

Structural Engineer

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Nationality: Yemeni (Transferable Iqama)

Birth Date: 03-03-1991 , Jubail

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Address: Dammam, Saudi Arabia

EDUCATION:

- **Graduate student from King Fahd University of Petroleum and Minerals (KFUPM)**
Holder of Bachelor Degree of Science in Civil Engineering with cumulative GPA 2.93/4 (2011 – 2016)
Specialized in Structural Engineering
- **Core Courses:**
 - Reinforced Concrete I
 - Steel Design
 - Computer Graphics
 - Prestressed Concrete (Advanced)
 - Geotechnical Eng. I
 - Hydraulic Systems
- **Short Courses:**
 - Industrial Safety (12 hours training course)
 - Self-Development in Workplace (12 hours training course)
 - Introduction to Marketing (12 hours training course)

EXPERIENCE:

- Total of 3 Years of working experience in Saudi Arabia, currently assigned as Structural Design Engineer.
- (2017 Feb to Present)
 - o **Employer:** Arabian Consulting Engineering Centre (ACEC), Khobar
 - o **Position:** *Structural Engineer*
 - o **Core Responsibility:** Conduct as a Structural Design Engineer of several construction projects including but not limited to:

Project	Tasks	Client
- Jubail Terminal Modification	Design of multiple steel pipe racks, concrete sleepers, platforms, Pipe bridges, foundations & pipe supports	SABIC-SABTANK
- Hoist Beam Calculation	Structural analysis, and design of the cantilever hoist steel frame and connections.	SABIC- KEMYA
- TISCO- Factory Redesign	Redesign of TISCO-Factory with additional power generators	MODON
- Design of security inspection & visitor's office	Design and Modeling of Gate Houses & Caretaker buildings in Udhailiyah	SAUDI ARAMCO
- SHARQ- New Fire Station	Design Fire Truck Garage, vehicle washing facility & foam storage tank shade.	SABIC-SHARQ

- (2015 Sept. – 2015 Dec.)
 - o **Employer:** KFUPM
 - o **Position:** *Administrator & Teaching Assistant*
 - o **Core Responsibility:** Managing events of Learning Assistants

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SKILLS & QUALIFICATIONS:

- Registered Engineer at Saudi Council of Engineers.
- Designing for steel members and connections for various types of steel framing systems such as pipe supports, warehouses, cranes, ceiling systems, platforms, cable tray, light and heavy duty gratings, coffer dams, etc.
- Preparation structural detail of design calculation reports, scope of work & material take-off.
- Comprehensive and solid knowledge in designing and analyzing of industrial structures in oil and gas industry.
- Excellent communication skills (written and spoken) in English and Arabic (Native).
- Strong problem solving skills
- Computer Skills: Excellent experience in:
 - STAAD.Pro
 - AutoCAD
 - MicroStation
 - Microsoft Office
 - MathCad
 - Revit
 - SketchUp (Good)
 - Java (Good)
 - SAP 2000 (Good)