

## Muhammad A. Al-Qahtani

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### PERSONAL INFORMATION

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- Nationality: **Saudi**
- Date of Birth: 11-03-1985
- Marital Status: married

### QUALIFICATIONS AND TECHNICAL SKILLS

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- Bachelor Degree in **Civil Engineering**, KFUPM (King Fahd University of Petroleum & Minerals)
- Doing my master's degree in **Engineering Management**, completed 2 semesters with a GPA: 4.91 out of 5
- Certified as **Associate Project Engineer** By George Washington University - USA
- Certified as **Associate Civil Engineer** By Saudi Council of Engineers.
- Certified by **OSHA**
- Professional in **AutoCAD, Solid Works, Photoshop**
- Moderate in **STAAD Pro , Microstation**
- Good in using **Word, Excel, Power Point, Outlook**

### EDUCATION

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- Doing my master's degree in **Engineering Management**, completed 2 semesters with a GPA: 4.91 out of 5
- Graduated from King Fahd University of Petroleum & Minerals at the College of **Applied Engineering**
- **My major is Civil Engineering**
- **Date of graduation:** August 2010
- **Major courses include:**
  - 1) Statics
  - 2) Mechanics of Structure
  - 3) Structural Analysis
  - 4) Reinforcement concrete design
  - 5) Structural Material
  - 6) Concrete technology
  - 7) Surveying
  - 8) Transportation
  - 9) Computer Graphics
  - 10) Engineering of Fluid Mechanics
  - 11) Engineering hydrology.
  - 12) Water and waste water engineering.
  - 13) Construction methods and management.
- **Other Courses:**
  - Three courses with **ESI** in **project management, project management leadership Skiles and quality for project.**
  - Construction quality control and site inspection.
  - Fundamentals of innovation & entrepreneurship
  - Systems of thinking (five hours course)
  - How to be practical?
  - Material Science for Mechanical Engineering
  - Mechanical Engineering Drawing and Graphics

- Short course in Advanced SUPERPAVE Mix design.
- How to plane for a semester?
- Self-leadership (five hours course)
- Construction machinery of intellectual
- Management skills.
- Preparation and presentation skills (ten hours course)

## Work Experience

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- Senior project design of a two story villa, structural design manually and using Staad Pro.
- **Saudi Electricity Company (SEC)**, COOP training for 7 months, in the Project Management Department.
- **Jacobs Zate Engineering Company**, From 27 November, 2010 to October, 2011 in the civil/structural department as a Civil/ Structural Engineer.
- **MODON** (Saudi Industrial Property Authority), From: November, 2011 to June 2015 as an Industrial City Supervisor for The third industrial city in Dammam (DIC-3).
- **ARAMCO**, From June 2015 up to now, as a lead project engineer in the PMT (Project Management Team Department)
- **I'm currently working in a position of: Lead Project engineer for the Infrastructure Scope of work in Multi-billions Mega project (Ajyal Project) with Saudi Aramco.**

## Projects:

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Here are list of project I worked in:

1. New chemical shades and existing chemical shelter for ARAMCO at Abqaiq plant
2. Converting sump pit covers and clear well covers for ARAMCO at Abqaiq plant
3. construction of new access platform for ARAMCO at Uthmanyah plant
4. Provide fireproofing for ARAMCO at Shedgum gosp-3
5. New office bldg & Dhahran north SATC for ARAMCO
6. New dining hall at Dhahran SATC for ARAMCO
7. 24" natural gas transmission system for SWCC
8. Marafiq HFO (Fuel Oil Pipe to STG 5-6) Design Reviews
9. HASBAH gas element sulfur mitigation project in Ras Tanura for RAMCO (GES + Project)
10. Rehabilitation and development of the infrastructure of the second industrial city in Dammam,(61 M SR) as a project engineer.
11. The establishment of the industrial city gate, (1.6 M SR) as site manager.
12. Discharge of excess treated water in Dammam Second Industrial City (20 M SR) as site manager.
13. Telecommunication Infrastructure FTTH (3.5 M SR) as a site manager.
14. Project Manager For building a 2500 m<sup>2</sup> grand Mosque in the residential area in the second industrial city in Dammam (DIC-2) (10 M SR).
15. Working as a project Engineer in South Dhahran Home ownership project For Saudi Aramco employees, increment 1. (Mega Project with a cost of more than ONE Billion US Dollars.
16. Lead Project engineer for the Infrastructure Scope of work in Multi-billions Mega project (Ajyal Project) with Saudi Aramco.

## Details of the above projects:

From 2010 to 2011 Civil/structural Engineer at JACOBS, part of a design team in several projects including steel structures, concrete structures and civil projects, where I was involved in 9 projects in different phases.

From 2011 to 2015 I worked in the design and execution of the following projects as a:

- Project Engineer (supervised by Sr. Manager) for a (1.6 M SR) project: design and construction of a concrete structure. This was my first project.
- Project engineer (Fully responsible) for a (3.5M SR) project: design and construction of Telecommunication Infrastructure FTTH system to cover 12Km<sup>2</sup>. In this project I made an achievement by making all road crossings without closing the traffic using the HDD technology with no associated cost. This was recognized by my top management at that time.
- Project engineer (Fully responsible) for a (10M SR) project: design and construction of concrete building with a total built up area of 2500 m<sup>2</sup>, I was responsible for every system in this building including structural, HVAC, MEP, Parking area and landscape of surroundings
- Project engineer (Fully responsible) for (20M SR) infrastructure project includes: 7 Km TSE pipes with all fittings and valves, control system, irrigation system for 3.5 L. Km, 10000m<sup>3</sup> reservoir, pump station, and other support facilities and related civil work.
- Project engineer (Fully responsible) for a (61 M SR) Project: “Rehabilitation and development of the infrastructure in the second industrial city in Dammam (area: 25 Km<sup>2</sup>) , , project included [-electrical network medium and low Voltage, -storm system, -Primary, secondary and tertiary Irrigation system, - Potable water system, -Industrial water system, -sanitary system, -Roads from subgrade to wearing coarse, curbs and walkways].
- Assistant project manager for ISUZU Factory at 2<sup>nd</sup> industrial city, which is the first Vehicles factory in the kingdom, and it was completed on time and within the budget. [Project details and cost are classified].
- 3ed industrial City supervisor: part of my duties was **Phase one (12 Km<sup>2</sup>)** infrastructure project ( more than ONE Billion SR.) including:
  - Medium Voltage network
  - Low voltage network
  - Irrigation system (primary, secondary and tertiary)
  - Potable water network
  - Industrial water network
  - Fire water network
  - Sanitary network
  - Storm system
  - Roads network (30m to 100m wide)
  - One bridge
  - Water treatment plant.
  - Water desalination plant.
  - Concrete Water Tanks.
  - Retention ponds
  - Landscape
  - Admin building
  - Fire station
  - Managing interfaces between the two main contractors (AIAJMI & ALDOSARI) and between the program and the government entities and more than 100 factory, interfaces including utilities and logistics.
- studies & assessments like:
  - The logistics services in the 2<sup>nd</sup> industrial city jointly with SAR (Saudi Railway Company) representative, study duration was 12 months. It was completed successfully and preliminary design for the railway and terminal were completed. Upon the recommendations of this study, MOU was signed in CEOs level between MODON & SAR.

- Traffic assessment within the second industrial city for the heavy and light traffics. Upon the outcomes of this assessment; a separate project were took place to implement the outcomes.
  - Participated in the residential area study at the third Industrial City with a total area of (5 km2) study completed and preliminary design completed.
  - Reviewed, commented, enhanced and then approved the plans& Engineering drawings for 100s of factories in the eastern province including: ABB factory, Siemens, Isuzu, TSM Arabia, 3M, expansions of P&G, and many others.
- In addition to many other Project, assignments, tasks and achievements – available upon request-.

### **June 2015 I joined ARAMCO, my assignments with Aramco were:**

- Lead Project Engineer for infrastructure scope of Work which includes: Medium Voltage, Low Voltage networks, Electrical substations, Potable and fire water, Storm, Sanitary, Irrigation networks and telecommunication system. I lead the design, Procurement and construction as well.
- Lead Project Engineer for superstructure construction of 345 Villas.
- Lead Engineer for the interface unit.

### **Membership:**

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- 1) Member of the Project Management Institute (PMI)
  - 2) Member of the Saudi Council of Engineers
  - 3) Member of the Civil Engineering Club for one year
  - 4) Member of the Arabic Language Club
  - 5) Member of the **advisory committee for the rector** of KFUPM in 2009
  - 6) Member of the **advisory committee for the dean of engineering college** in 2009
  - 7) Member of the **advisory committee for the vice rector** of KFUPM in 2010
  - 8) Member of the committee of developing the student housing.
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