



AHMED IBRAHIM SHALABY

POSITION TITLE

Senior Structural engineer & Structural Design lead & Design development lead & Structural Design Manager & Head of structural dep. & Engineering Manger & Technical office manager & Senior civil engineer

CONTACT



+966-504274805



Eng.ahmed.shalaby1@gmail.com



35 Years Old



Riyadh , Saudi Arabia



<https://ahmedshalaby88.wixsite.com/mysite>

<https://www.linkedin.com/in/ahmed-shalaby-b316885>

PERSONAL SKILLS



LANGUAGE



CIVIL ACADEMY CERTIFICATES

1. Manuel concrete design.
2. Manual steel design.
3. Manual lateral load design.
4. Soil and foundation Diploma
5. CSI column.
6. Proken.
7. SAP.
8. ETABS.

BACKGROUND

- I have 13 years plus of rich experience in project Design, Coordination, and Construction Management. scope of work involved Projects with reputable large scale construction companies with the scope of projects ranging in value from a few million dollars to projects with totals up to 3.0 billion dollars. experiences included project conceptual design, Design management, construction permitting ,construction management and startup. The Positions attained have been Senior Structural engineer , Design development lead, Technical office manager, Head of structural department , project and engineering management, coordination and liaison with client project managers and engineers ,
- Using experience and studying in work which has further sharpened skills and qualifications to find a challenging position to meet competencies, capabilities, skills, education and experience.

PROFESSIONAL DEVELOPMENT

❖ COURSES & CERTIFICATES

➤ PROFESSIONAL ENGINEER.

- A. PMBOK 7th Overview.
- B. Establish and Operate PMO.
- C. Agile projects management-scrum framework.

➤ STRUCTURAL ENGINEER SE CERTIFIED COURSES

➤ ALISON UNIVERSITY (GALWAY, IRELAND)

1. Advanced Diploma

- | | |
|---|-------------------------|
| A. Design of Steel Structures. | Cert No:- 2362-21986630 |
| B. Maintenance and Repair of Concrete Structures. | Cert No:- 2530-21986630 |
| C. Certified Associate in Project Management (CAPM)® Exam Prep. | Cert No:- 2006-21986630 |

2. Diploma

- | | |
|---|-------------------------|
| A. Project Management in Practice. | Cert No:- 1923-21986630 |
| B. Characterization of Construction Materials. | Cert No:- 2508-21986630 |
| C. ISO Standards - Integrated Management System (IMS). | Cert No:- 1947-21986630 |
| D. Structural Dynamics for Civil Engineers –SDOF Systems. | Cert No:- 2238-21986630 |

3. Certificates

- | | |
|---|-------------------------|
| A. Concrete Structures: Strategies and Materials for Surface Repair. | Cert No:- 2527-21986630 |
| B. Concrete Structures : Structural Strengthening and Stabilization. | Cert No:- 2525-21986630 |
| C. Design of Connections in Steel Structures. | Cert No:- 2366-21986630 |
| D. ISO 9001:2015 - Quality Management System (QMS). | Cert No:- 1907-21986630 |
| E. Modern Project Management - Quality, Risk, Procurement and Project Closeout. | Cert No:- 1510-21986630 |
| F. Project Management Skill for Non-Project Managers. | Cert No:- 3479-21986630 |
| G. Project Management in Practice - Planning, Scheduling and Resource Management. | Cert No:- 1919-21986630 |

➤ HILTI COURSES

- A. Designing Post-Installed Reinforcement for Development.
- B. The Ultimate Steel-To-Concrete Design Software.
- C. Post Installed Rebar: Insights on PI Rebar Design Methods
- D. Rebar 101: Fundamentals of Post-Installed Reinforcing Bar Design Using Qualified Adhesive Anchor Systems.
- E. Anchoring Principles and Design.

ENGINEERING PROGRAMS

AUTOCAD	
SAP	
ETABS	
SAFE	
PROKON	
STAAD PRO.	
CSI COL.	
PCA COL.	
ISA COL.	
HILTI PRO.	
RCM ACI - BUILDER	
C.D.P	
Peikko Designer	
RAM Concept	
PRIMAVERA P6	
REVIT (STR)	
IDEA StatiCa	
MS OFFICE	

APPLICATION SKILLS

PHOTOSHO	
NETWORK	
POWER POINT	
MS WORD	

Memberships



- | | |
|---|----------------------|
| ▪ Project Management Institute | Member ID : 6556378 |
| ▪ Saudi Council of Engineers | Member ID : 228522 |
| ▪ Engineers Ireland | Member ID : 492170 |
| ▪ Federation of Arab Engineers | Member ID : 16/29361 |
| ▪ Construction Management Association of America | Member ID : 264513 |
| ▪ Egyptian Engineers Syndicate | Member ID : 68/2010 |

TASKS

- ❖ Mastered in different software like AutoCAD, CSI SAP, CSI ETABS, CSI SAFE, STAAD PRO, Prokon,.....etc. , or equivalent finite element analysis software.
- ❖ Perform structural design and analysis calculations using governing codes and standards, engineering formulas, skills, experience and studying reports, maps, drawings, blueprints, aerial photographs and tests on soil composition, terrain, hydrological characteristics, and related topographical and geologic data
- ❖ Review design documents and evaluate the design documents in order to ensure compliance with the engineering codes and standards, etc.
- ❖ Conducting accurate studies of value engineering for the projects and conducting the required reports ,studies and designs.
- ❖ Reviews of manufacturer , vendor and supplier drawings and samples and perform technical prequalification analyses .
- ❖ Coordinate work with other disciplines such as architectural ,MEP, etc.
- ❖ perform technical audits and design reviews , review violations and applications for deviation from engineering codes and standards and produce technical reports and recommendations .
- ❖ Innovated Engineering solutions for various tasks and problems encountered throughout Design / Construction.
- ❖ Conducted work load assessments and devised new operational processes that led to a 40% increase in productivity.
- ❖ Visit municipality website on a regular basic to update the information regarding modified/new laws and regulations.
- ❖ Visit municipality premises in-case of project delaying and approvals pending.
- ❖ Upgraded, Able to design new and unique ideas in a professional way.
- ❖ Fully Familiar with high rise buildings.
- ❖ Prepare shop drawings and as-built drawings.
- ❖ Study and prepare requests for information for various projects, follow up subcontractor's progress.
- ❖ Acting as Liaison between the consultant and site construction team.
- ❖ Spearheaded ,Monitoring and controlling drawings progress to ensure construction works are in line with the project schedule..
- ❖ Lead and participate in technical workshops for the employees.
- ❖ Prepares feasibility study by analyzing engineering design; conducting environmental impact studies; assembling data.
- ❖ Prepares engineering documents by developing construction specifications, plans, and schedules.
- ❖ Confirms adherence to construction specifications and safety standards by monitoring project progress; inspecting construction site; verifying calculations and placements.
- ❖ Fulfills project requirements by training and guiding operators.
- ❖ Maintains operations by enforcing project and operational policies and procedures.
- ❖ Provides engineering information by answering questions and requests.
- ❖ Complies with federal, state, and local legal requirements by studying existing and new legislation; anticipating future legislation; enforcing adherence to requirements; advising management on needed actions.
- ❖ Maintains project database by writing computer programs; entering data; completing backups.
- ❖ support teammates to effectively improve team performance.
- ❖ Make weekly and monthly reports on the progress of design and construction of the civil/structural works.

WORK EXPERIENCE

➤ **MASAH SPECIALIZED CONSTRUCTION COMPANY** Riyadh – KSA **Dr. Sulaiman Al Habib Companies.**

• From November 2018 → Until Now



○ **Structural Design Manager.**

❖ **PROJECTS**

- ✓ Accomplished More than 12 Mega- projects 100% on time , Conducted workload assessments and devised new operational processes that led to a 40% increase in productivity.
- ✓ Managed a process re-engineering project to improve and consolidate end-to-end service processes; restructured communication flow among 10 departments and cut down paperwork by 75%.

1. **THE RED SEA INTERNATIONAL AIRPORT**

Client : The Red Sea Development Company

Location : Umluj

Value : 145 Million SR

Duration : 12 Months



Jacobs

CH2M Saudi Ltd
8092 Legend Tower
Riyadh 12313-3735
Kingdom of Saudi Arabia
www.jacobs.com

AECOM

Imagine it.
Delivered.

The Red Sea Development Company

2. **Shurayrah Island Program 8 Hotels East No 2-The Trail.**

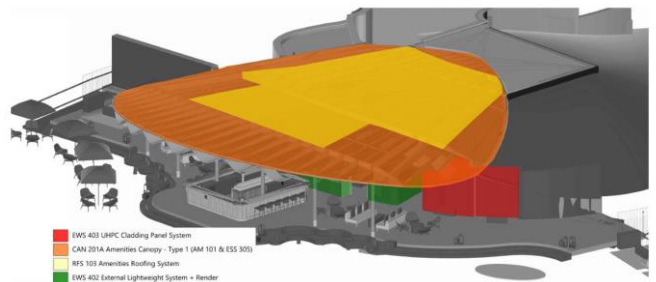
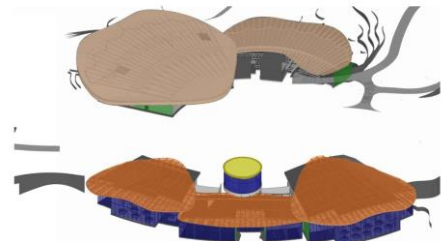
Client : The Red Sea Development Company

Location : Umluj

Value : 345 Million SR

Duration : 24 Months

- This comprises of hotels , Main Substation, other tourism buildings



EW5 403 URPC Cladding Panel System
CAN 201A Amenities Canopy - Type 1 (AM 101 & ESS 305)
RWS 100 Awnings Roofing System
EW5 402 External Lightweight System - Render



KEO
كيوانترناشيونال كونسلتانتس
KEO International Consultants



Foster + Partners

Riverside, 22 Hester Road
London SW11 4AN
T +44(0)20 7738 0455
F +44(0)20 7738 1107
london@fosterandpartners.com

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www.fosterandpartners.com

The Red Sea Development Company

3. Dr. Sulaiman Al Habib Palace.

Client : Dr. Suliman Al-Habib.
 Location : Riyadh
 Value : 500 Million SR
 Duration : 36 Months

- Suleiman Al Habib Palace comprises of mainly palace partly overhangs over a cliff and along the valley of cliff located large majlis for entertainment purpose. The palace have many structural system (concrete, steel structure , composite) In addition to many types of Slabs (Flat slab , Waffle slab , Ribbed slab, Deck slab , Precast ,)



4. Dr. Sulaiman Alhabib Medical city – 400 Beds in Riyadh

Client : Dr. Suliman Al-Habib Group
 Location : Alsahafa District – Riyadh
 Value : 1.8 Billion SR
 Duration : 36 Months

- This comprises of a total of 28 floors.
- The area is 42000 m2 per floor at basement .
- A helipad At Roof



5. Ajdan Rise Project .

Client : Al Oula
 Location : Alkurnaish- Al Khobar
 Value : 495 Million SR
 Duration : 36 Months

- Construction comprised of two towers with a total built-up area of approximately 250,000 m2.
- One tower have 43 floors while the other has 36 floors .
- The project includes a four-story underground car park with a total depth of 16 m below the ground level for 2,400 cars.
- The car park is equipped with the latest high-tech security systems 100%



6. Palms Residence Tower

Client : Investor's Vision Company
 Location : An Nakheel- Riyadh
 Value : 20 Million SR
 Duration : 16 Months
 33 Floors + 4 basement



7. Al Mousa Specialist Hospital –North Tower .

Client : Al Mousa
 Location : Al-Ahsa
 Value : 360 Million SR
 Duration : 30 Months

- The building comprises of a total of 28 floors.
- The area is from 4000 to 2500 m2 per floor ,A helipad At Roof
- LEED



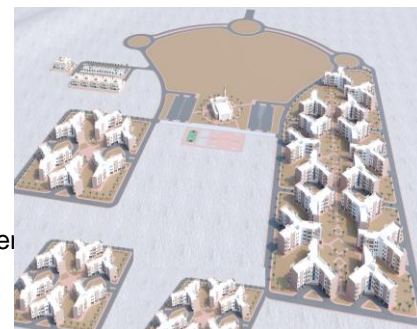
8. SUPPORTING BUILDING PROJECT (QASSIM).

Client : MINISTRY OF DEFENCE
 ENGINEERING & WORKS DIRECTORATE
 Location : QASSIM
 Contract : Turnkey

- Reduced constructions cost by 20% by designing and using economical system
- Comprise of 75 buildings
 (multistory buildings , villas , Masjed , hospital , STP stations , infra buildings...)



Zuhair Fayed Partnership
 Consultants
 Architecture, Engineering
 and Information Systems



9. Ajdan Rise Project (Second Tower) .

Client : Al Oula
 Location : Al Khobar.
 Value : 490 Million
 Duration : 36 Months

- Construction comprised of two towers with a total built-up area of approximately 250,000 m2. One



10. Sehat Al Shark Medical City Project .

Client : Dr: Suliman Al-Habib Group
Location : Al Khobar
Contract : Structural Work, External Finishes
Value : 290 Million
Duration : 24 Months

- The project comprises of 3 buildings and two tower with different construction systems. The area is 21000 m2 per floor at basement .



11. SPIMACO Office Building and Warehouse Project .

Client : SPIMACO
Location : Dammam
Value : 84 Million
Duration : 18 Months

- The building total of 16 floors
The area is from 3000 to 2500 m2 per floor .



12. Ajdan Waterfront Development Project – Parcel B .

Client : Al Oula
Location : Al Khobar
Value : 28 Million
Duration : 6 Months





From November 2014 → October 2018

- Senior Structural Engineer
- Structural Design Lead



❖ PROJECTS

1. Science College Project (TAIF UNIVERSITY).

Client : Ministry of Higher Education
Value : 295 Million
Duration : 36 Months

- The building comprises of 17 part
 - Different construction systems (Paneled beam, Frames, Waffle slabs , H.B slabs , Ribbed slabs , Flat slab , Solid slabs, core , shear walls , Composite col.etc.) .
- Total area of the project 60000 m2.



2. Engineering College Project (TAIF UNIVERSITY).

Client : Ministry of Higher Education
Value : 265 Million
Duration : 36 Months

- The building consists of 15 part with



3. GCC standardization organization Project.

Client : GCC standardization organization.
Value : 125 Million
Duration : 24 Months

- A service building in the inspection body contain two building with several floors, meeting rooms, recreation areas, and various construction systems of post-tension slabs etc..



4. Tabuk University Housing Project.

Client : Ministry of Higher Education
Value : 220 Million
Duration : 36 Months

- Accomplished 100% a multi-story building for student housing.



5. The residential area of Oman borders Project.

Client : Ministry of Finance

Value : 850 Million

Duration : 60 Months

- Completed a Residential city with several 2 units schools ,hospitals, mosques , communications building, administration buildings, fire station, security buildings and also border ports, a project on the border with the State of Oman 100 .



UNITED
CONSULTING



6. Dahiat SUMOU Makkah Project.

Client : Dahiat sumou development.

Value : 5 billion

Duration : 8 Years

- Founded Dhahiat Sumou Project, with an area of 1.6 million sq. m, is the first investment project within the structured plan of Bawabat Makkah (Western Suburb of Makkah) which directly overlooks Makkah-Jeddah Expressway.



EGC
ENGINEERING CONSULTANTS GROUP S.A.



ARAN CONSULTING GROUP.

Riyadh – KSA

- From April 2013 → November 2014

○ Structural Design Engineer



❖ Projects:

1. Bandar al peshr Malls 8,000 m2 in Riyadh.
2. A number of private villas in Riyadh.
3. Turk El Baz factory for metal and glass.
4. Al muniyah Mosque.
5. Residential building for workers.
6. Special Schools for engineer Hussein Al Attila in Najran province 100%.
7. buildings of projects management of air force.
8. Saudi company for Ready Mix Concrete.
9. large factory with 15000 m2 in Riyadh.
10. Mosque in Dammam.
11. Number of multi-story buildings.
12. Some of the projects in cooperation with foreign offices of Spain and Portugal.
13. The Ministry of Labor Office in Al Hasa province.
14. College of Medicine AL Baha University for Fadel Contracting company.
15. A number of private villas in. Najran, Al Hasa.
16. Abu Baker Tower 2basement + ground + 14 floors in Riyadh.
17. ELSAQAF Tower water tank+ 2basement + ground + 23 floors in Khobar.
18. Design four residential towers and make shop drawings for them to Ngoma compOTHERS.

✓ Accomplished 100% Design purification plant and pumping station in Tabuk.

- Project amount (420 million SAR).

• General Coordinator of the project .

✓ The Station Comprises of:-

- | | | | |
|------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|
| 1. Raw water tank. | 7. Chlorination Building . | 13. Gravity sand filters building. | 19. Workshop building . |
| 2. production water tank. | 8. Clarifier Pump. | 14. Workshop building. | 20. Septic tank. |
| 3. Final sedimentation tank. | 9. Station building . | 15. Septic tank. | 21. Nano filtration (N. F) building. |
| 4. Reject water tank. | 10. Filtered backwash water. | 16. Nano filtration (N. F) building. | 22. Water tank fire. |
| 5. Electricity building. | 11. Raw water pumps station building. | 17. Water tank fire. | 23. Pumps rooms. |
| 6. Over flow chamber inlet. | 12. outlet chamber. | 18. Valves chambers. | |

24. Office building, engineers Villas, Managers Villa and workers' housing.....etc.

- Created all designs for the above units , achieving an 25% reduction in the cost , approved by Khatib & Alami Office.

• **From June 2010 → April 2013**



○ **Structural Design Engineer**

- Accomplished over 40 Projects:-
 1. Design of multi-story buildings.
 2. Supervising the projects of the authority in Cairo.
 3. Follow-up work of subcontractors.
 4. Design Buildings for Youth Housing.
 5. Design houses Armed Forces Officers.
 6. Design purification plant tank in Fayed.
 7. Design buildings for a full military unit.
 8. Some work in Experience certificate.....etc.
 9. Supervision for projects.

INTERNSHIP EXPERIENCE

- **Arab Contractors Company** **2006** **CAIRO – EGYPT**
- **Orascom Construction PLC** **2007** **CAIRO – EGYPT**



ORASCOM
CONSTRUCTION

EDUCATION

- **University** : Faculty of Engineering . Egypt
- **Qualification** : B. Sc. Engineering
- **Specialization** : Major: Civil Engineering
Minor: Structural
- **Project Name** : Structural analysis and design
- **Project Graduation** : Excellent
- **ALISON University** (GALWAY, IRELAND)

- 1- Advanced Diploma (3)
- 2- Diploma (4)

PERSONAL DETAILS

- **Name** : Ahmed Ibrahim Shalaby
- **Age** : 35 (February 25, 1988)
- **Location** : Riyadh - KSA
- **Languages** : Arabic, English