

Holds a B. Sc. in Civil Engineering and has about 14 years hands-on experience working in designing all types of concrete as well as steel structures. Has coordinator, planning and management teams experience.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 04/08/1985  
Gender : Male  
Marital Status : Married  
Residence : Cairo

## **EDUCATION**

: B. Sc. in Civil Engineering, Ain Shams University, 2008

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: Staad Pro  
: SAP 2000  
: MicroStation  
: Etabs, CSI and Safe  
: AutoCAD

## **TRAINING COURSES AND CERTIFICATIONS**

: FIDIC standard form of contract.  
: Occupational Safety and Health Advanced Diploma.  
: PMP (35 hours Management study certificate is available) - Dammam, KSA.  
: Time management for maximum productivity – American University in Cairo.  
: Fundamentals of project management – Al-Fanar Training Center in KSA.  
: Decision Making The Fundamentals – Al-Fanar Training Center in KSA.  
: Attended courses for using finite element programs (SAP 2000, ETABS) – Ain Shams University, Cairo.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jan. 2020 till now  
**Employer** : BHARAWY CONSULTANCY GROUP (BCG), Cairo  
**Job title** : Senior Structural Engineer  
**Job Description** :

- Supervising structural design team for complete design related works and preparation of design documents and drawings, coordination with electrical, mechanical & firefighting disciplines, attend technical meetings with clients, Management support, site technical support until final approval from client including as built.
- Design of structures and buildings / equipment foundations along with coordination for multiple number of substations and various types of steel and concrete structures with wide variety of main contractors and clients such as Royal commission, SEC and NG "National Grid" using latest codes and standards (ACI, IBC, ASCE, SEC standards, ARAMCO standards & RC standards, ...).

**Dates** : From Jan. 2019 till Dec. 2019  
**Employer** : DAR ENGINEERING (CONSULTANT FOR MINISTRY OF HEALTH) – RIYADH, KSA  
**Job title** : GROUP LEADER - CIVIL ENGINEER (PMO)  
**Job Description** :

- Working at Ministry of Health – General directorate of safety and security as a Group Leader (Consultant) for over than 42 engineers, admins and quantity surveyors. Monitoring and controlling their daily activities as well as review technical submittals, issue comments / approvals, conduct meeting with client (MOH) and contractors.
- Check and Review technical Structural Submittals including safety aspects.
- Preparation of MOH (client) specifications such as firestop materials, door specifications including fire and smoke management as per NFPA requirements.
- Value Engineering studies for ongoing and future projects.
- Preparation of project documents such as, project management plan, progress reports, RFPs (Request for proposals) for new project's biddings.
- Orientation for new commers and presentations.

**Dates** : From Jun. 2012 till Dec. 2018  
**Employer** : DAR ENGINEERING (PART OF AL FANAR GROUP), KSA  
**Job title** : Senior Structural Engineer  
**Job Description** :

- Preparation of design documents and drawings, coordination with electrical, mechanical & firefighting disciplines, attend technical meetings with clients such as ARAMCO, SEC "Saudi Electricity Company" and Royal commission representatives, site technical support till final approval from client including as-built.
- Design of structures and buildings / equipment foundations along with coordination for over than (40) projects with ARAMCO, Royal commission, SEC and NG "National Grid" using latest codes and standards (ACI, IBC, SEC standards, ARAMCO standards & RC standards, ...).

- Accomplishments:
  - RIC #3 380/115/33/13.8KV BSP Substation - RAS Al Khair – Eastern province – ALFANAR - Royal Commission.
  - JOHNS HOPKINS ARAMCO HEALTHCARE hospital (five projects inside hospital buildings with western office) – Dhahran – JHAH ARAMCO.
  - Maritime Overhead transmission line and underground cables at RAS Al Khair – Eastern province - AL HAIDAR - Royal Commission.
  - Many other 380KV and 115KV Substations, Transmission lines and UG cables.

**Dates** : From Dec. 2009 till May 2012  
**Employer** : SETEC (FCBM EGYPT), Cairo  
**Job title** : Structural Engineer  
**Job Description** : 
 

- Analysis, modeling and design several structures under static and dynamic loads making sure it's safe under expected loads and prepare detailed calculation notes as per standard specifications and codes.
- Determining construction stages and consider those stages in design under worst / unfavorable conditions taking quality standards into consideration.
- Preparing shop drawings for several structures considering required materials and it's specifications.
- Review and analyses of soil reports conducted by professional geotechnical agency and consider soil parameters in design and modeling programs.
- Accomplishments:
  - Porte de Pantin: Emergency exit five tunnels, using (BAEL), National French annex.
  - Tunnel d'Aueuil: Extension of an existing tunnel, Eurocode2 and national French annexes.
  - RER C (bridge): a bridge crossing over a train way, Eurocode2 and national French annexes.
  - PRA 0533 (bridge): A small bridge to carry a high-speed train (420km/hr) considering dynamic analysis (time history-seismic).
  - 6 months working in shop drawings, BOQ and detailing of concrete structures (bridges & industrial buildings).

**Dates** : From Mar. 2009 till Dec. 2009  
**Employer** : FOCUS FOR ENGINEERING SERVICES, Cairo  
**Job title** : Structural Engineer  
**Job Description** : 
 

- Prepare detailed calculation including modeling and design drawings for different types of structures (concrete and steel structures).
- Analysis of Geotechnical reports conducted by professional company and use soil parameters in design and modeling.
- Consider all applicable loads on structures with safety margins as per applicable codes, standards and project's specifications.
- Preparing shop drawings for King Saud bin Abdul Aziz University (KSAU) buildings and Holding Company for Building Materials (CPC)

building.

- Check and Review of structural drawings and calculations prepared by others.
- Accomplishments:
  - KSAU-KSA (King Abdullah University for Science and Technology) – Saudi Arabia.
  - Check Design and drawings for Al-Shamiya Project (Makkah).
  - Senegal Airport – Senegal - supplemented buildings.

**Dates** : From Aug. 2008 till Mar. 2009

**Employer** : SAAD CONSULTANT - SCHLAICH BERGERMANN UND PARTNER FOR STRUCTURAL CONSULTING, Cairo

**Job title** : Structural Engineer

**Job Description** :

- Analysis and design for various types of steel and concrete structures.
- Accomplishments:
  - Shenzhen Buildings (China) - 6 five-story office buildings in addition to two three-story canteen buildings.
  - Huawei Chengdu Computer Software (China) - 7 five-story office buildings and two 2-stories canteen buildings.
  - Huawei Technological Factory Buildings, Beijing (China) - 3 five-story office buildings and 1 two-story canteen building.

**Field of experience** :

- Total 14 years of continuous experience in civil / structural engineering including the role of Senior Design Engineer, Design Coordinator, Team Leader and Site Technical Support.
- Strong client focus, Maintaining good working relationships with internal & external groups that support projects such as Procurement, Drafting, Stakeholders, etc.
- Resolving site queries, attending site meetings and performing site inspections during the construction phase of projects.
- Some Projects:
  - MADENTY-2 220/66/22KV GIS SUBSTATION.
  - DYNAMIC REACTIVE POWER COMPENSATION AT DONGOLA AND MEROWE TOWN 220KV SUBSTATIONS.
  - Emtedad of Al-Sadat 220-22-22KV AIS SS.
  - DAMMAM NORTH BSP 380/115KV Substation – Eastern region - KSA.
  - SHEDGUM 380/115KV substation – Eastern region - KSA.
  - ALUQIR 380/115KV substation - Eastern region - Saudi Arabia.
  - BETRO RABIGH 380KV Substation – Western region - Saudi Arabia.
  - MADAEN 380/110KV Substation - Western region - KSA.
  - QURAYYAT 380KV Substation – Eastern region - KSA.
  - RAS ALKHAIR 380/13.8KV SS - Eastern region - KSA.
  - RIC#2 380/115/33KV Substation in Ras Al Khair – Eastern region - KSA.
  - RIC#3 380/115/33KV Substation in Ras Al Khair – Eastern region - KSA.
  - Nariyah North 380/115/33KV BSP – Eastern Region - KSA.
  - MAHD AL-DHAB (MHD) 380/110/33/13.8KV BSP – Western region

- KSA.