

Holds a B. Sc. in Civil Engineering and MBA. Has more than 8 years hands-on experience working in design field.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 14/10/1988  
Gender : Male  
Marital Status : Single  
Residence : Nasr City, Cairo

## **EDUCATION**

: B. Sc. in Civil Engineering, Ain Shams University, 2011  
: Pre-Master of Engineering, Construction Management, Ain Shams University, 2014  
: MBA, AASTMT (ARAB ACADEMY FOR SCIENCE, TECHNOLOGY & MARITIME TRANSPORT), 2019

## **LANGUAGES**

Arabic : Native Language  
English : Fluent  
German : Fair

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: Structural Revit  
: Microstation  
: Bentley STAAD  
: AutoCAD 2D & 3D  
: Arma CAD  
: SAP2000  
: SAFE  
: ETABS  
: Prokon  
: PLS Tower  
: Primavera  
: BoCAD  
: WALLAP

: Photoshop

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jan. 2019 till now  
**Employer** : [EGYPTROL](#)  
**Projects** :

- Tobrouk 400/220KV Substation – Libya
- Dangote Refinery and Petrochemical – Nigeria

**Job title** : Senior Structural Engineer  
**Job Description** : Design indoor & outdoor concrete & steel structures under Gravity & Lateral loads in accordance to International Codes and Standards (ACI, UBC, IBC, ASCE & ECP).

**Dates** : From Oct. 2017 till Jan. 2019  
**Employer** : EPIC TECHNOLOGY  
**Projects** :

- Abu Sultan Substation – Ismailia Governorate
- Badr-3 Substation – Cairo Governorate

**Job title** : Senior Structural Engineer  
**Job Description** :

- Keeping track of quantities executed and quantities to be executed in all project activities.
- Supervising the preparation of the project cash flow during the bidding stage.
- Designing all kinds of structures (concrete & steel) to withstand all applied loads (Earthquakes, wind, dead load, live load, soil load, etc.).
- Providing technical support for tenders and all construction issues.
- Attending meetings related to current clients (for clarifications) and to top management for future deals and strategic decisions.
- Preparing time schedule for each project and monitoring the progress.
- Technical support for the site team for any issue during the construction phase.
- Preparing bids for tenders.

**Dates** : From Dec. 2015 till Oct. 2017  
**Employer** : Al Fanar Construction  
**Projects** :

- Nimas Substation – Western area
- Qaryat Al Ulya Substation – Eastern area
- Hafar Al Batin Substation – Eastern area
- Taimah Substation – Southern area
- Al Ruwaydah Substation – Central area

**Job title** : Senior Structural Engineer  
**Job Description** :

- Design of indoor & outdoor concrete & steel structures of the electrical substation under Gravity & Lateral loads in accordance to International Codes and Standards (ACI, UBC, IBC, ASCE).
- Coordinating and follow up my concerned projects with Saudi Arabia office & Projects Managers.
- Sample of detailed tasks:
  - Design of the Substation Building.
  - Design of Power Transformer Firewalls & Foundation.
  - Design of Auxiliary Transformer Foundation.

- Design of Capacitor Bank Foundation.
- Design of water, chemical dry pit, soak & septic tanks.
- Design of Steel Supports of outdoor equipment.
- Design of Outdoor Equipment Foundations.
- And all other related Civil works & submittals.

**Dates** : From Dec. 2014 till Dec. 2015

**Employer** : VINCI Construction  
 VINCI Construction is a multinational company, having many Grand Projects designs and builds major civil engineering structures (tunnels, bridges, dams, liquefied natural gas storage tanks, road and rail infrastructure) and buildings (skyscrapers, shopping centers, hotels, major industrial facilities, nuclear power plants, etc.).

**Project** : Cairo Underground Metro line 3 Phase 4A

**Job title** : Senior Structural Engineer

**Job Description** :

- Design of underground metro station.
- Preparing drawings for site installation and studying the methodology of the execution of each stage.
- Solving all related problems & studying supplying of (water source Electricity Source, major & minor Sewage system).
- Preparing drawings for Traffic Diversion and sequence of works in each Station.
- Preparing drawings for TBM machines works sequence for its entry and exit from station.
- Preparing drawings for the Struts for Diaphragm walls at struts level.
- Quantity Surveying.

**Dates** : From Jun. 2013 till Dec. 2014

**Employer** : JAWDA Engineering Consultants (JEC)  
 JEC is the Egypt branch of a Saudi Consultant company with a wide experience in design in the field of Electrical substations, Transmission, and distribution system Including civil, architectural, electrical & mechanical sections allover Saudi Arabia kingdom (at south, west & central areas).

**Projects** :

- Tathleeth Substation – Southern Area
- Gulf Salman Substation – Western area
- Khamis South Substation – Southern area
- Roikibah Substation – Southern area
- Extension of Jamoom-2 Substation – Western area
- Waad Al-Shamaal Substation – Central area
- Al-Narjis Substation – Central area
- Qassim Industrial City (QIC) Substation – Central area (380KV)

**Job title** : Structural Engineer

**Job Description** :

- Design of indoor & outdoor concrete & steel structures of the electrical substation under surface & lateral loads in accordance to international codes and standards (ACI, UBC, IBC, ASCE).
- Coordinating work between architectural, electrical & mechanical disciplines.
- Sample of work:
  - Design of the Substation Building.
  - Making detail drawings (Beams Details, Stairs Details, door

canopies).

- General Layout, Site Grading, Cable trenches & manholes details.
- Design of Power Transformer Firewalls & Foundation.
- Design of Auxiliary Transformer Foundation.
- Design of Capacitor Bank Foundation.
- Design of water, chemical dry pit, soak & septic tanks.
- Design of Steel Supports of outdoor equipment.
- Design of Outdoor Equipment Foundations.
- And all other related Civil works & submittals.

**Dates** : From Dec. 2011 till Jun. 2013  
**Employer** : AIC (Arabian International Company)  
AIC is a leading designer, fabricator and erector company of structural steel and towers and is a member of the Attieh Group of companies. The Attieh Steel Group is the largest steel stockiest in the Middle East.  
**Projects** :

- Steel Portal Frames
- Steel Gantries
- Steel Towers
- Steel Connections
- Steel Transmission lines

**Job title** : Structural Design Engineer  
**Job Description** : Designing of steel structures in accordance to international codes (AISC, ASCE, ...).

**Dates** : From May 2011 till Dec. 2011  
**Employer** : RAMW Group  
RAMW is a well-established Egyptian entity with more than 40 years of experience in construction, real estate, and hospitality development. The company has expanded over the years to address the specific needs of the Egyptian market.  
**Projects** :

- Spring Valley (6th of October City)
- Private Villa Mr. Ahmed El Sharkawy (New Cairo)
- Private Villa Mr. Wafaa El Sharkawy (New Cairo)
- Spring Valley (El Shorouk City)

**Job title** : Site Engineer  
**Job Description** : Preparing both Civil and Architectural drawings and supervising Site works.