

Holds a B. Sc. in Civil Engineering and has over 15 years of experience in Structural Design and Engineering Consultations field, with demonstrated proficiency of carrying out Structural design works of various types of Buildings / Civil structures in Africa and the Middle East, using Concrete and/or Steel materials based on International Standards.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 01/02/1983  
Gender : Male  
Marital Status : Married  
Residence : Cairo

## **EDUCATION**

: B. Sc. in Civil Engineering, Cairo University, 2007

## **LANGUAGES**

Arabic : Native Language  
English : Excellent

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: ETABS, SAP 2000, SAFE  
: Revit & Dynamo  
: Rhino & Grasshopper

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Jun. 2010 till now  
**Employer** : Zuhair Fayz Partnership (ZFP), Cairo  
**Projects** :

- Al Qassim Regional Airport
- Al Jouf Regional Airport (Al Jouf Governorate, KSA, with 41,000 sqm total built up area)
- Umm Al Quora University (Applied Medical Sciences Collage, Makkah, KSA, with total built up area 74,000 sqm)
- Soliman Fakeeh Hospital Diabetes Plus & Urgent Center (Jeddah, KSA (3B+G+7 stories) total built up area of 1,341 sqm Building)
- KAFSH (Mecca, KSA, Towers with G+15, G+18, G+22, G+35 & G+40 stories)
- KAND (King Abdullah Suburb, Jizan) infrastructure project with total area

of 90M sqm

- KAND Tunnel (King Abdullah Suburb Underground Utility Tunnel with total length of 23 KM Cut & Cover type) (Jizan, KSA)
- Helicopter Facilities (King Abdullah Naval Base, Panther Hangers) (Jeddah, KSA)
- Saudi National Commercial Bank Head Quarter (Al Dammam, KSA)
- Marriott Courtyard Hotel (Jeddah, KSA, B+G+14 stories)
- Marriott Hotel (Royal Commission, Yanbu, KSA, B+G+14 stories)
- Hamein1 Hotel (Makkah, KSA, A 24 stories tower)
- Hamein2 Hotel (Makkah, KSA, A 19 stories tower)
- Uptown Mosque (Cairo, Egypt)
- Lozan University (Alamein, Egypt)
- Namariq Labor Camp (Labor Housing camp in Jazan, KSA)
- National Security Governmental Development
- Jeddah Square
- International Conference Center in Aswan
- Prince Nayef Ibn Abdul Aziz International Airport (Qassim, KSA)
- NEOM Infrastructure (NEOM, KSA)

**Job title** : Structural Dept. Deputy

**Job Description** : 

- Manage and control appointed projects with the assigned teams.
- Assessing project's requirements and inputs from other involved parties in the light of contract documents and approved criteria.
- Control and maintain the design standards based on client requirements and governing international codes and standards.
- Assuring a good coordination with other involved disciplines.
- Undertake high level review and checking of structural calculations and drawings produced either in-house or by sub consultants for the purpose of the in-hand projects.
- Review contractor's calculations and designs where applicable and provide suitable comments.
- Attend inspections as required, supporting Site Inspectors as necessary.

**Dates** : From Jan. 2009 till Jan. 2010

**Employer** : EWAN Engineering Consulting, KSA

**Projects** : 

- Villas & Residential low-rise buildings of 7 stories and less
- Bin-Shyhn Warehouses

**Job title** : Structural Engineer

**Job Description** : 

- Prepare Structural Design / Analysis models and calculations.
- Independently check the completeness & accuracy of own work prior to review by the Senior Engineer or designated senior team member.
- Organize own and others work to achieve set deadlines.
- Ensure accuracy and quality of discipline Structural models' information, presentation and coordination.
- Provided close technical support to the construction works in sites.

**Dates** : From Sep. 2007 till Jan. 2009

**Employer** : CDEC Engineering Consulting, Cairo

**Projects** : 

- Beshay Steel Plant (ESISCO)
- Villas and Residential compounds (Madinaty City, Cairo, Egypt)

- Villas and Residential compounds (New Giza, Cairo, Egypt)
- Job title** : Structural Engineer
- Job Description** :
- Prepare Structural Design / Analysis models and calculations.
  - Assist senior engineers in preparing required submission documents and supporting calculations.
- Field of experience** :
- Proven professional experience in Structural Engineering Practice.
  - Comprehensive knowledge and understanding of governing codes and standards: ASCE/SEI 07 - IBC - ACI - AISC – MBMA - SBC - UBC – EURO & Egyptian Building Code.
  - Knowledgeable of Industry BIM standards, processes and general approaches (Revit, Dynamo, Rhino, Grasshopper).
  - Structural Analysis and Design (Design Brief / technical compliance, completeness & accuracy).
  - Ability to create reports of design brief, findings and recommendations on performance analysis.
  - Design co-ordination (within Structural Engineering & Cross Disciplines).
  - Manage and Coordinate efficient outsourcing / offshoring of workload.
  - Fields of Design Experience:
    - Low- & High-Rise Buildings.
    - Office Buildings.
    - Hotels.
    - Universities & Educational Buildings.
    - Malls & Show Rooms.
    - Housing & Residential.
    - Healthcare & Hospitals.
    - Military & Governmental.
    - Airports.
    - Infrastructure.