

Holds a B. Sc. in Structural Engineering and has over 6 years experience working in design field.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Cairo

EDUCATION

: B. Sc. in Structural Engineering, Ain Shams University, 2016

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD, Revit, ETABS, SAP 2000, SAFE, Tekla structures (steel detailing), Staad Pro, RAM, Robot Structure, Limcon, Idea Statica, Python

TRAINING COURSES AND CERTIFICATIONS

: Training at EHAF Consulting Engineers in The Grand Egyptian Museum Project (summer 2015):

- Site inspections: Reviewing & Comparing Drawings with the form work, steel bars.
- Technical Office: Compare Contractors Shop Drawings with the Design Drawings.

: Employability Skills Training, Employability and Career Development Center ASU (2015-2016): 9 days training program funded by the USAID and Vodafone, Conducted by Aspire Experiential Business Solution.
: Berlitz English Course.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2022 till now
Employer : Dewan – Architects + Engineers
Job title : Structural Design Engineer
Job Description :

- So Hotel (B + G + 6 P + 42 + 2R), Dubai - United Arab Emirates:
 - Design Hotel building composed of 50 floors (ACI 318-19, ASCE07-

- 16, DBC-2021).
 - Design Raft on pile foundations.
 - Create Revit model for all structural elements & Structural drawings.
- Dubai Water Canal Hotel (B + G + P + 07 + R), Dubai - United Arab Emirates:
 - Design Hotel building composed of 10 floors (ACI 318-19, ASCE07-16, DBC-2021).
 - Design Raft on pile foundations.
 - Create Revit model for all structural elements & Structural drawings.
- Massar Project phase 3 (G + 02), Sharjah - United Arab Emirates:
 - Design Villas composed of 3 floors (ACI 318-19, ASCE07-16, DBC-2021).
 - Design isolated footing foundations.
 - Create Revit model for all structural elements & Structural drawings.
- Prince Sultan I in Jeddah - KSA:
 - Design office building composed of 13 floors and 2 basements (SBC 301, SBC 303).
 - Design raft foundation.
 - Create Revit model for all structural elements & Structural drawings.
 - Design Hotel building composed of 10 floors, and podium & 1 basement (SBC 301, SBC 303).
 - Design raft foundation.
 - Create Revit model for all structural elements & Structural drawings.

Dates	:	From Dec. 2019 till Apr. 2022
Employer	:	Shaker Consultancy Group (SCG)
Job title	:	Structural Design Engineer
Job Description	:	<ul style="list-style-type: none"> • Nour Project in Egypt: <ul style="list-style-type: none"> - Design Apartment and Villas using ECP 205. - Create calculation Report for Sub & Super Structure. - 3D Revit modelling with all details and drawings. • TAWILA Project in Egypt: <ul style="list-style-type: none"> - Design and check on steel structures using ECP 205 & AISC 360-10. - Create calculation Report for steel structures and connection. - Create drawing for buildings & connections. • Security Forces Medical Center, Jeddah – KSA: <ul style="list-style-type: none"> - Design manholes, underground tanks & culverts using ACI. - Create calculation Report for Culverts and Tanks. - Create drawing and quantity survey for Culverts and Tanks. - Using SBC (301, 303, 304), ACI 318-19, ASCE07-16, ACI 318-05. • Seashell Playa in Egypt: <ul style="list-style-type: none"> - Design Shallet & Villas ECP. - Design mono piles for structure support. - Create calculation Report for Shallet & Villas. - Create design drawing for Shallet & Villas. • Arab African Bank in Egypt: <ul style="list-style-type: none"> - Design various structure elements in the bank. - Create 3D Revit model for the whole structure. - Create calculation Report for bank. - Create design drawing for bank. • Jazan Hospital, Jazan – KSA:

- Modeling all parts of the hospital (12 of 12 parts).
- Adding new floors.
- Checking safety for Existing Structural elements.
- Strengthening and repair unsafe elements.
- Using SBC (301, 303, 304), ACI 318-19, ASCE07-16.
- ABRAR Hotel, Mekkah – KSA:
 - Modeling, Checking & Strengthening ABRAR Hotel in Makkah.
 - Design & Draw the additional floors.
 - Create calculation Report for the Strengthened Elements.
 - Using SBC (301, 303, 304), ACI 318-19, ASCE07-16.
- Cairo Mono Rail in Egypt:
 - Verify and Design pedestrian bridge for monorail using AISC 360-16 & ECP 205.
 - Create calculation report for bridge.
- Hadaek Al Ahram 72 Tower in Egypt:
 - Modeling and Checking residential building 10 floors all elements.
 - Check building drift & displacement.
 - Modeling Raft and checking it.

Dates : From Jan. 2018 till Dec. 2019
Employer : Arabian International Company (AIC)
Projects :

- Bus Station Canopy & Pedestrian bridges in KSA (Design member & connections)
- Mall of Oman (Design connections)
- FARABI NORMAL PARAFFIN AND DERIVATIVES COMPLEX, YANBU, (Design connections)
- TRANSMISSION TOWER & Silo for Almarai Company (Design member & Connection) in KSA

Job title : Steel Designer
Job Description : Design Steel connections & members & Silos, Base plate & Anchors, making full detailed calculation sheet (using AISC or EC & ASCE 07-10 & IBC & MBMA).

Dates : From Jan. 2017 till Jan. 2018
Employer : Arabian International Company (AIC)
Projects :

- KNPC Al-Zour Oil Refinery Project
- BACS Riyadh Metro Project

Job title : STEEL DETAILING
Job Description :

- Steel detailing for platforms, train stations, steel factories & pipe rack.
- Create RFI'S and QUANTITY SURVEY.

Dates : From Jul. 2016 till Jan. 2017
Employer : ADEC
Job title : Structural Designer
Job Description :

- STRUCTURAL DESIGN FOR VARIOUS BUILDINGS.
- Quantity Survey FOR CONCRETE, WOOD, STEEL.