

Holds a B. Sc. in Civil Engineering and has over 4 years experience working as Steel Design Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/01/1995
Gender : Male
Marital Status : Married
Residence : Obour City, Cairo

EDUCATION

: B. Sc. in Civil Engineering, Helwan University, 2017
: Enrolled in Construction Master's degree, Helwan University (from 2017 till now)

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: SAP 2000
: Staad Pro
: Etabs
: Safe
: Thekla
: Revit
: MBS (Metal Building Software)
: ASFAD (Zamil Steel)
: CFS
: RAM Connection
: Idea Statica
: Hilti
: Limcon

TRAINING COURSES AND CERTIFICATIONS

- : University to work scholarship (UTW Round 8), ECG (summer 2016).
- : 2 Site summer trainings at Ebdaa Consultant (2014 & 2015).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2021 till now
- Employer** : Zamil Steel - GETS - Maadi Branch
- Projects** :
 - Al Watania Factory (Jeddah – KSA)
 - The Golden Chicken Factory (Shaqra – KSA)
 - Arnon Plastic Factory (Dammam – KSA)
- Job title** : Steel Design Engineer
- Job Description** :
 - Preparing design related to Steel buildings in addition to Pre-Engineered buildings to meet client's requirements.
 - Calculate the acting loads on different elements by using the American code (ASCE 07-05).
 - Calculate the straining actions accompanied from the acting loads using computer software programs.
 - Design all elements according to American Code (AISC 360-05) in addition to (AISI-01).
 - Choose the optimum sections in order to withstand the acting loads based on (availability – economical).
 - Design all connections between members by using computer software programs (Limcon).
 - Produce the required drawings (Approval Drawings).
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- Dates** : From Sep. 2019 till Sep. 2021
- Employer** : Al Shaafar Steel - ASSENT
- Projects** :
 - UPS facility WH – King Khaled Int. Airport (Riyadh – KSA)
 - KLP 21-KHIB 10376 (KIZAD – Abu Dhabi, UAE)
 - Al Ain Zoo (Al Ain – UAE)
 - Al Khairan Mall (Kuwait)
 - Rawabi Gas & Oil Co. (Dammam – KSA)
- Job title** : Steel Design Engineer
- Job Description** :
 - Preparing design related to Steel buildings in addition to Pre-Engineered buildings to meet client's requirements.
 - Calculate the acting loads on different elements by using the American code (ASCE 07-05).
 - Calculate the straining actions accompanied from the acting loads using computer software programs.
 - Design all elements according to American Code (AISC 360-05) in addition to (AISI-01).
 - Choose the optimum sections in order to withstand the acting loads based on (availability – economical).
 - Design all connections between members by using computer software programs (RAM & Idea Statica).
 - Verify design of members for mega steel structure projects.
 - Produce the required drawings (Approval Drawings).

- Design several Pipe Racks projects.

Dates : From Jul. 2018 till Sep. 2019
Employer : Zamil Steel Egypt
Projects :

- Tariq Float Glass (Lahore - Pakistan)
- B Planc LLC (Yerevan – Armenia)
- Six Central Medical Project (Egypt)
- Sinnar Sweet Factory (Sinnar - Sudan)
- International Electronics Company (Egypt)

Job title : Steel Design Engineer
Job Description :

- Preparing design related to Pre-Engineered Buildings (PEB) to meet client's requirements.
- Calculate the acting loads on different elements by using the Egyptian code or the American code (ASCE 07-05).
- Calculate the straining actions accompanied from the acting loads using computer software programs.
- Design all elements according to Egyptian code or American Code (AISC 360-05) in addition to (AISI-01).
- Choose the optimum sections in order to withstand the acting loads based on (availability – economical).
- Produce the required drawings (Approval Drawings).
- Providing technical advice for existing steel structures.

Dates : From Sep. 2017 till Jul. 2018
Employer : Egyptian Russian University (ERU)
Job title : Teaching Assistant
Job Description :

- Supporting doctors and instructors in delivering course materials and managing classrooms.
- Classing supervision.
- Teaching and tutor students individually and in groups.
- Creation of lessons plan and course materials.
- Courses:
 - Structural Analysis I.
 - Structural Analysis II.
 - Structural Analysis III.
 - Geometric Design of Highways.
 - Traffic and Transportation Engineering.
 - Computer Aided (AutoCAD 2D & SAP 2000).
 - Civil Drawing.

Dates : Apr./May 2018 (part time)
Employer : The Egyptian Consultant Office
Project : Repairing of Palestine Hospital building
Job title : Steel Design Engineer

Dates : Aug./Sep. 2017
Employer : PMW for consulting

Project : Establish a petrol station
Job title : Consultant Site Engineer

Job title : Concrete Design Engineer (Freelance job)
Job Description : Full concrete design of a petrol station for TOTAL.