Holds a B. Sc. in Civil Engineering and has about 2 years experience working as Structural Design Engineer at several projects.

PERSONAL DATA

Nationality   :   Egyptian
Gender   :   Male
Residence   :   El-Zeiton

EDUCATION

: B. Sc. in Civil Engineering, Ain Shams University (ASU), 2017
: Secondary Education: Elgoumhoria School, Cairo

LANGUAGES

Arabic   :   Native Language
English   :   Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: SAP
: Etabs
: AutoCAD Structure Detailing
: Safe

TRAINING COURSES AND CERTIFICATIONS

: Trainee Site Engineer at Sama Cairo (Aug. 2016): Gained knowledge about the construction tips in areal site also Reading Drawings.

CHRONOLOGICAL EXPERIENCE RECORD

Employer   :   MOHARAM BAKHOUM Consulting Engineering Company
Job title   :   Structural Design Engineer

Employer   :   Dr. Amr AbdElrahman Consulting Engineering Office (AACE)
Job title   :   Structural Design Engineer

Projects:

- Dorat ELkaraz Project:
  - Shop drawings of slabs, columns and beams of the different Types of Buildings of the Project.
  - Check Design of Etabs model that have been sent from consultant of contractor.
- Elkyan Elaskary Project (New Cairo): Strengthening of Slabs with steel plates to enhance the capacity of the concrete section of the structure element.
- Elmansoura palaces (New Cairo): Check Design of all Structural Elements (Foundations, Columns , Beams, Slabs).
- The New Cathedral (New Cairo): Review the Details of Shop Drawing of different elements of the Cathedral and giving Structural comments on Drawings.
- Gezeret ElDahab Water Treatment Station:
  - Check Design of Several Units that Serve the Water Station (Generator Building, Compressor Building, Room of Electricity (Rmu), Chemical Building, Generator TWPS).
  - In this Project I gained a very good experience in dealing with Deep Foundation (Raft With Piles) also I gained the experience of dealing with Concrete that have a Direct Contact with Chemical water and the crack width limits that have been limited by the Egyptian code.
- Kafr Shokr Water Station (Banha Villages):
  - Full Design of the Drying Beds and The main Filter House of The Station and Produce final Drawings of these two main Buildings that complied with all requirements of the Sanitary Department.
  - Making a sustain contact with the different departments involved in project (Sanitary Engineer, Mechanical Engineer, Archetictural Engineer).
- Metro Third Line (Sudan Station): Review of Detailed shop drawings of the Station Diaphrams and make contact with the Contractor in order to asking him to modify the required comments.
- G-Trips (Red Sea):
  - Making 3D models of Several Types of Villas that located in area around The Red Sea and using these analysis to check the safety of Structural elements of these types of villas.
  - In the case of the unsafe elements I give repair solutions to make sure that elements will be safe after follow these solutions (Concrete Jacket, Steel Plates, FRB strengthening) and send them to contractor.
- Sodic Project: Check 3d Etabs models of the whole project that contains of (Office Buildings with the same Bodium, Ritual Building, Club house) and giving comments of these models according to the instructions of the Egyptian code.
- New Cairo Project: Producing a suitable Proposal of Structure drawings that comply with the key plan of The project for Tendering and having the Permission from the government to start in final design and construction phases.
- Elalamain Project (Elalamain City) (Current Project): This Project consists of 4 plots of compounds each one consists of 4 prototype of buildings, Spa, Gym and local bridge that connect the whole 4 plots to

each other also there is a tower in the middle of 4 plots.

- Abu Dhabi Distribution Company:
    - Check safety of existing building of the company and its extensions before rehabilitation.
    - Check safety of existing building of the company and its extensions After rehabilitation.
    - Specify the unsafe structure elements that need to be strengthen ,the percentage of the unsafety of these members and the most economic method to strengthen them.
    - Setting recommendations that increase the Performance of some elements that need to be improved.