

Holds a B. Sc. in Civil Engineering and has over 5 years hands-on experience working in design field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 23/08/1992
Gender : Male
Residence : Nasr City, Cairo

EDUCATION

: B. Sc. in Civil Engineering, Helwan University, 2014

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2D
: SAP 2000
: Etabs
: Safe
: Revit Structure
: CSI Column

TRAINING COURSES AND CERTIFICATIONS

: General training at Alexandria Construction Company (Madinaty Project) (Jul. 2011).
: Site training at NASR GENERAL CONTRACTING (HASSAN M. ALLAM) Co. (Jul. 2012).
: Site training at DETAC Constructing and Trading Company (Aug./Sep. 2012).
: Revit Structure (Certified Professional).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2019 till now
Employer : RMC Consultants Company

- Job title** : Structural Design Engineer
- Job Description** :
- Z (5A) Project-Uptown Cairo (Egypt):
 - Consist of 3 parts - The Total area is 4125 m2.
 - Full design for 3 parts consist of (B+G+6F).
 - Create 3D model using ETABS according to Egyptian standards.
 - Design Raft Foundation using Safe.
 - Design floors using Safe.
 - Z (5B) Project-Uptown Cairo (Egypt):
 - Consist of 3 parts - The Total area is 4550 m2.
 - Full design for 3 parts consist of (B+G+6F).
 - Create 3D model using ETABS according to Egyptian standards.
 - Design Raft Foundation using Safe.
 - Design floors using Safe.
 - Repton School (Giza):
 - Sports and Performing Hall: Consist of 2 parts and total area is 3022 m2:
 - ❖ Full design for 2 parts.
 - ❖ Create 3D model using ETABS according to Egyptian standards.
 - ❖ Design Raft Foundation and isolated footings using Safe.
 - ❖ Design floors using Safe.
 - ❖ Covering Two Halls (span 19m) using framing system.
 - Senior School: Consist of 3 parts and total area is 2355 m2:
 - ❖ Full design for 3 parts consist of 3 floors.
 - ❖ Create 3D model using ETABS according to Egyptian standards.
 - ❖ Design Raft Foundation and isolated footings using Safe.
 - ❖ Design floors using Safe.
 - Al Borouj Mall (Cairo):
 - Consist of 12 parts - The Total area is 22810m2.
 - In charge of the whole project in matters of:
 - ❖ Preparing Full Structural Models using (ETABS, Safe) according to Egyptian standards and Structural Design Drawings.
 - ❖ Create 3D model using Revit.
- Dates** : From Jan. 2016 till May 2019
- Employer** : Misr Consult Office
- Job title** : Structural Design Engineer
- Job Description** :
- Several Mosques (Qatar) - Full design for a mosque::
 - Making 2D models for the floors using SAP 2000.
 - Design foundation (isolated, combined) and design columns.
 - Making calculation sheet for the building.
 - Making a model for minaret on ETABS.
 - Arabilla Mall (Commercial Mall):
 - Design Slabs (Check Punching, Deflection and Reinforcement Slabs and Beams).
 - Create 3D model using ETABS according to Egyptian Standards.
 - Technology Village (Egypt) - Full design for an innovation building:

- Making 2D models for the floors using SAP 2000.
- Design foundation (isolated, combined) and design columns.
- Design an underground tank.
- (4-2-4) Mall (Fifth Settlement-Egypt): Create 3D model using ETABS according to Egyptian Standard.
- Ali's Darwish Villa (Qatar):
 - Consist of 2 Basements, 3 Floors and the Area is 2000m2 .
 - Making Shop Drawing for Walls and Generating Excavation Drawings.
- The New Capital (Egypt) - Full design for a mosque:
 - Making 2D models for the floors using SAP 2000.
 - Design foundation (isolated, combined) and design columns.
 - Making calculation sheet for the building.
 - Making shop drawing for smells and foundations.
 - Making quantity survey using AutoRebar.
- Al Amal Buildings (Egypt) - Full design for a building consist of (1 basement and 7 floors):
 - Making 2D models for the floors using SAP 2000.
 - Create 3D model using ETABS according to Egyptian Standards.
 - Create 3D Structural model using Revit to obtain concrete dimensions.
- Fancy Factory (Egypt) - Full design for a store consist of (3 floors):
 - Create 3D model using ETABS according to ACI Code.
 - Making 2D model for the floors using Safe.
- King Salman University (Egypt) - Sharm El Sheikh (Region):
 - Al Alsun Building: Consist of 8 parts. The Total area is 21486 m2.
 - Full design for a part it is area (1292.5m2) and consist of 3 floors.
 - Create 3D model using ETABS according to Egyptian standards.
 - Design Isolated Footings using Safe.
 - Design 3 floors using Safe.
 - Design a wall it is height 14m using Etabs and inserting wind load according to Europe code.
 - Making coordination with architecture.
- King Salman University (Egypt) - El-Tor (Region):
 - Administration Building: Consist of 5 parts. The Total area is 15906m2.
 - ❖ Full design for a part it is area (2701.75m2) and consist of 3 floors.
 - ❖ Create 3D model using ETABS according to Egyptian standards.
 - ❖ Design Isolated Footings using Safe.
 - ❖ Design 3 floors using Safe.
 - ❖ Design a wall it is height 17m using Etabs and inserting wind load according to Europe code. The wall skeleton was columns and beams.
 - Engineering Labs Building: Consist of 4 parts. The Total area is 8666m2.
 - ❖ Full design for a part it is area (3682.5 m2) and consist of 3 floors.
 - ❖ Create 3D model using ETABS according to Egyptian

- standards.
- ❖ Design Isolated Footings using Safe.
- Marine Science Building: Consist of 4 parts. The Total area is 14540m².
 - ❖ Create 3D Structural model using Revit.
 - ❖ Create 3D model using ETABS from getting analytical model from Revit.
 - ❖ Generate concrete dimensions using Revit.
 - ❖ Design Isolated Footings using Safe.
- Al Galala University (Egypt):
 - Faculty of Art: Consist of 4 parts. The Total area is 6350m² - In charge of one unit (1050m²) of the whole project in matters of:
 - ❖ Create 3D Structural model using Revit.
 - ❖ Create 3D model using ETABS from getting analytical model from Revit.
 - ❖ Generate concrete dimensions using Revit.
 - ❖ Full design for all concrete elements (Slabs, Beams & Columns).
 - ❖ Design Foundation System using Safe.
 - Faculty of Dentistry: Consist of 4 parts. The Total area is 7500m² - In charge of one unit (1650m²) of the whole project in matters of:
 - ❖ Create 3D Structural model using Revit.
 - ❖ Create 3D model using ETABS from getting analytical model from Revit.
 - ❖ Generate concrete dimensions using Revit.
 - ❖ Full design for all concrete elements (Slabs, Beams & Columns).
 - ❖ Design Foundation System using Safe.
 - ❖ Covering Two lecture halls (16mx20m) using framing system.
 - Faculty of Engineering: Consist of 4 parts. The Total area is 6800m² - In charge of one unit (1200m²) of the whole project in matters of:
 - ❖ Create 3D Structural model using Revit.
 - ❖ Create 3D model using ETABS from getting analytical model from Revit.
 - ❖ Generate concrete dimensions using Revit.
 - ❖ Full design for all concrete elements (Slabs, Beams & Columns).
 - ❖ Design Foundation System using Safe.
 - Faculty of Therapy: Consist of 4 parts. The Total area is 7950m² - In charge of one unit (1750m²) of the whole project in matters of:
 - ❖ Create 3D Structural model using Revit.
 - ❖ Create 3D model using ETABS from getting analytical model from Revit.
 - ❖ Generate concrete dimensions using Revit.
 - ❖ Full design for all concrete elements (Slabs, Beams & Columns).
 - ❖ Design Foundation System using Safe.
 - ❖ Covering Two lecture halls (18mx22m) using framing system.
- Al Galala Hospital (Egypt) - Consist of 10 Parts. The Total Area is 18000m² and the Capacity of Hospital is (400) Beds - In charge of two units:

- The first unit is (1600m²) of the whole project in matters of:
 - ❖ Create 3D Structural model using Revit.
 - ❖ Create 3D model using ETABS from getting analytical model from Revit.
 - ❖ Generate concrete dimensions using Revit.
 - ❖ Full design for all concrete elements (Slabs, Beams & Columns).
- The second unit is (2350m²) of the whole project in matters of:
 - ❖ Create 3D Structural model using Revit.
 - ❖ Create 3D model using ETABS from getting analytical model from Revit.
 - ❖ Generate concrete dimensions using Revit.
 - ❖ Full design for all concrete elements (Slabs, Beams & Columns).

Dates : From Aug. 2015 till Jan. 2016
Employer : Raka Design (Egypt Branch)
Job Description :

- KAP5-Najran:
 - Nursing and Fitness Center: Design Foundation using Safe (ACI318-2008).
 - Sports and Retail Building:
 - ❖ Design Hollow Core Slabs.
 - ❖ Design Isolated Footing using Safe (ACI318-2008).
 - Mosque:
 - ❖ Making Calculation for the Building and making Coordination with other Departments.
 - ❖ Design Isolated Footing using Safe (ACI318-2008).
 - Building (5.05):
 - ❖ Design Hollow core Slabs.
 - ❖ Design Isolated Footing using Safe (ACI318-2008).
 - ❖ Making Calculation for the Building.
- Abd El-Kareem Plaza (KSA):
 - Design Flat Slabs using Safe (ACI318-2008).
 - Design Raft Foundation and Check on Uplift according to (ACI318-2008).

Dates : From Dec. 2014 till Jul. 2015
Employer : Arabian International Company
Job title : Steel Division (Detailing Engineer)
Job Description :

- Preparing 3D model Structural in Tekla Structures with complete details as per client data & Standards for Steel structures, buildings, process equipment platform, ladders etc.
- Preparation of general arrangement drawings, shop fabrication detail drawings (Assembly Drawings), single part drawings & preparing required reports (Material list, Bolt Lists, Assembly Lists, ...etc.).