

Holds a B. Sc. in Civil Engineering, a Diploma in Structural Engineering and M. Sc. in Structural Engineering. Has over 13 years hands-on experience working in design field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/05/1980
Gender : Male
Marital Status : Single
Residence : Nasr City, Cairo

EDUCATION

- : B. Sc. in Civil Engineering, Ain Shams University, 2003
- : Diploma in Structural Engineering, Ain Shams University, 2006
- : M. Sc. in Structural Engineering, Ain Shams University, 2014
- : Secondary Education: St. Fatima Language School, 1998

LANGUAGES

Arabic : Native Language
English : Fluent
French : Fair

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Access, Power Point), Internet
- : BIM: Revit, Tekla Structures
- : AutoCAD 2012
- : Analysis Programs: SAP, ETABS, SAFE, Response2000, SAFI, TechnoSoft
- : Finite Element Analysis: Abaqus, Ansys
- : Programming: using Visual Basic & FORTRAN language

TRAINING COURSES AND CERTIFICATIONS

- : REVIT (Autodesk certification).
- : TEKLA (BIM engineering solution).
- : AutoCAD 2000 2D (Information System Institute).
- : AutoCAD 2000 3D (Information System Institute).
- : SAP 2000 (Information System Institute).

- : TOEFL (Score: 600 - certified from Ain Shams University, Center of public service & social development).
- : Training in Moharram – Bakhoum (Arab Consulting Engineers): Revision of design drawing for R/C structures.

CHRONOLOGICAL EXPERIENCE RECORD

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| Dates | : | From Sep. 2014 till now |
| Employer | : | EHAF |
| Projects | : | Secon Nile towers, Jabal Omar development |
| Job title | : | Senior Design Engineer |
| Job Description | : | <ul style="list-style-type: none"> • Design and detailing of concrete structures. • Modeling of structures using BIM software. • Coordinate between different drawings. • Modifying designs and applying changes to improve utilization of the structures facilitate construction and reduce cost. • Preparing and checking design drawings & shop drawings. • Reviewing and Approval of shop drawings. • Respond to RFIs from contractor. • Preparing and checking calculation sheets & design specifications. • Reviewing of design drawing and calculation sheets. • Writing technical reports to evaluate the project, high lighting the problems and providing technical solutions. |
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| Dates | : | From Apr. 2011 till Aug. 2014 |
| Employer | : | MG Trust Group |
| Job title | : | Design Engineer |
| Job Description | : | <ul style="list-style-type: none"> • Design and detailing of concrete structures. • Coordinate between different drawings. • Modifying designs and applying changes to improve utilization of the structures facilitate construction and reduce cost. • Preparing and checking design drawing & shop drawing. • Preparing quantity of bills, Material takeoff & bar bending list for concrete building. • Preparing and checking calculation sheets & design specifications. • Reviewing of design drawing and calculation sheets. |
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| Dates | : | From Feb. 2009 till Mar. 2013 |
| Employer | : | RHI (Reliance Heavy Industries) – Egypt |
| Projects | : | Wadi El-Nile Cement Plant, El-Sewedy Cement Plant |
| Job title | : | Design Engineer |
| Job Description | : | <ul style="list-style-type: none"> • Design of concrete industrial buildings for cement plants. • Design of electrical sub-stations. • Coordinate between different drawings. • Preparing design drawing, shop drawing. • Preparing bar bending list for concrete building. • Preparing calculation sheets. • Reviewing of design drawing and calculation sheets. |

- Dates** : From Jul. 2006 till Jan. 2009
- Employer** : Delta Pre-Fab, Cairo Office (Holland Company) – Egypt
- Project** : Office building for Shell Co. in Amsterdam, Holland
- Job title** : Design Engineer
- Job Description** :
- Design of pre-cast & pre-stressed concrete slabs and beams for building, offices, malls, hotels by Holland Code.
 - Structural Analysis using TechnoSoft program.
 - Preparing pre-cast drawing using AutoCAD and ZA-PreFab programs.
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- Dates** : From Jun. 2004 till Jun. 2006
- Employer** : Authority of Roads & Bridges, Bridges Design Dept. – Egypt
- Projects** :
- Wasffia bridge
 - Manya bridge
 - Re-location of Ramsis II statue
- Job title** : Design Engineer
- Job Description** :
- Design of super-structure & sub-structure of roadway bridges, foot bridges, culverts, building & tunnels.
 - Design of Concrete, Steel & Composite Bridges.
 - Preparing design drawing for concrete & steel bridges.
 - Preparing Shop drawing for steel bridges.
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- Dates** : From Jan. 2004 till May 2004
- Employer** : B.M. Consultants & Engineers – Egypt
- Projects** : City Stars & Tonssi Hotel
- Job title** : Technical & Design Engineer
- Job Description** :
- Preparing AS BUILT drawings, field modifications drawings and bar list for City Stars project.
 - Quantity surveying for R/C structures.
 - Design of R/C structures.
 - Repair of R/C structures.
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- Field of experience** :
- Familiar with international specifications (ACI, AASHTO, Euro Code, IBC).
 - Design of Pre-stressed Concrete structures.
 - Design of High rise building.
 - Seismic and wind Analysis.
 - Repair and Strengthening of RC structures.
 - Design of Masonry building.
 - Design of steel transmission tower.
 - Design of underground tunnels.
 - Basic knowledge of Project management.