

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

Dates : From Sep. 2014 till now
Employer : EHAf
Projects : Secon Nile towers, Jabal Omar development
Job title : Senior Design Engineer
Job Description :

- 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.

Dates : From Apr. 2011 till Aug. 2014
Employer : MG Trust Group
Job title : Design Engineer
Job Description :

- 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.

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 :

- 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.

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.

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.

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.