

Holds B. Sc. in Civil Engineering and M. Sc. in Structural Engineering. Has over 7 years of professional experience as a Civil/Structural Engineer in different sectors of the industry.

PERSONAL DATA

Nationality : Egyptian
Birth Date : Feb. 1985
Gender : Male
Marital Status : Single
Residence : Currently Dubai, UAE

EDUCATION

: B. Sc. in Civil Engineering, Alexandria University, 2009
: M. Sc. in Structural Engineering, University of Surrey, Guildford, UK, 2011

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: Primavera P6
: Mathcad 15/Prime
: AutoCAD/ProgCAD
: Space Structures configuration modelling software using the Formex algebra method (Formian)
: Structural analysis and design using FE Packages:
STAAD Pro
CSI ETABS, SAFE, SAP2000
Prokon
Scia Engineer
CSC Orion
Solid Works
ANSYS
SACS
: BIM packages including:
Autodesk Revit Structure
Navisworks
AVEVA PDMS (Plant Design Management System)

TRAINING COURSES AND CERTIFICATIONS

- : Dubai Municipality Approved Structural Engineer G+4.
- : Dubai Municipality approved training on Building Control Electronic System.
- : Custom ACI 318-14: Reorganized for Design - Building Code Seminar.
- : Basic Offshore Safety Induction and Emergency Training BOSIET (Certificate valid for 4 years from Feb. 2014).
- : Minimum Industry Safety Training MIST (Certificate valid for 4 years from Feb. 2014).
- : Crosby (Heavy lift) training seminar.
- : Mathcad Prime 3.0 Essentials.
- : Internships:
 - The Arab Contractors (Osman Ahmed Osman & Co.) (summer 2007): I attended 1 month internship in the construction site of new Sidi Gaber train station. The attended level of construction was: setting reinforcement and casting concrete.
 - Man-Crew Building Systems, Burg El-Arab 4th area site (summer 2007): I attended 1 month internship in the construction site of a new glass factory. The attended level of construction was: Earth works and casting RC foundations.
 - Talaat Moustafa Group Holding, San Stefano Project (summer 2005): I attended 1 month internship in the construction site of San Stefano Grand Plaza. The attended level of construction was Interior finishing works.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2016 till now
- Employer** : Pragma Architects Planners, Dubai, UAE
- Job title** : Civil/Structural Engineer
- Job Description** :
 - Analysis and design of building structures.
 - Supervision of construction work on site.
 - Producing structural packages, obtaining authority approvals.
- Dates** : From Sep. 2015 till Mar. 2016
- Job title** : Civil/Structural Engineer - Freelance
- Job Description** : Preparing Drawings, BOQs, Method Statements and participate in project planning on freelance basis.
- Dates** : From Feb. 2013 till Aug. 2015
- Employer** : Augmentias Maritime and Offshore Engineering Ltd, Aberdeen - UK
- Job title** : Offshore Structural Engineer
- Job Description** :
 - My role is focused on producing most reliable/efficient solutions using computer aided design/analysis packages verified with hand calculations. The work involves producing analysis reports, calculations reports and sketches.
 - Projects worked on or completed include:
 - Analysis of steel foundation structure to support a drilling control cabin on a MODU.

- Design and analysis of steel foundations to support mud mixing equipment.
- Assessment of the structural capacity of existing platforms/decks (steel).
- Strengthening of existing steel structures to withstand new loads from additional equipment.
- Analysis and design of over-deck steel grillage to support reels with masses of up to 280 tonne on a ship.
- Sea fastening of offshore installations.
- Analysis of a mooring wire attachment frame on an FPSO.
- Assessment of structural capacity of an impact protection steel deck with peripheral walkway to resist wave slamming loads.
- Analysis of an access bridge supporting structure on a fixed offshore platform.
- Analysis of derrick's heat shielding structures.
- Analysis of a steel linking bridge between MODU and Jacket structure.
- Assessment of capability of guiding weight winches to hoist diving bell system during emergency.
- Offshore lifting analysis of linking bridge between MODU and jacket structure.

Dates : From Sep. 2012 till Feb. 2013

Employer : Micro Engineering Technologies Inc., Cairo

Job title : Structural Design Engineer

Job Description :

- Structural design of supporting systems using Hilti's steel products to support variable attachments to the primary structure systems such as cable trays in the pipe rack structures and medical equipment in hospitals...etc.
- Structural analysis of structures using finite elements packages, includes modeling of variable applied loads (vertical, lateral, seismic and temperature variations).
- Preparing calculations and schematics drawings.
- Preparing documents and revising work of other.
- Communicate effectively with other team members, seniors, clients and consultants.
- The analysis and design is carried out to meet the Canadian codes of practice.
- The clients are major firms in the Oil and Gas field including (Husky Energy) and (Saipem).

Dates : From Oct. 2009 till Mar. 2010

Employer : Kartaj for Real Estate & Touristic Development, Egypt

Project : The project consisted of 14 buildings, each having mezzanine floor plus 12 floors of residential apartments.

Job title : Trainee Site Engineer

Job Description :

- Planning the work and efficiently organizing the plant and site facilities in order to meet agreed deadlines.
- Setting out, leveling and surveying the site.
- Checking plans, drawings and quantities for accuracy of calculations.
- Ensuring all materials used and work performed are as per

specifications.

- Day-to-day management of the site, including supervising and monitoring the site labour force and the work of any subcontractors.
- Overseeing quality control, health and safety matters on site.
- Preparing reports as required.
- With the consultation of the senior engineers I dealt with few unexpected technical difficulties, and other problems that arose on site.