

Holds a B. Sc. in Civil Engineering and has over 9 years hands-on experience working in design field.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/07/1986  
Gender : Male  
Marital Status : Married  
Residence : 6th of October, Giza, Cairo

## EDUCATION

: B. Sc. in Civil Engineering, Cairo University, 2008

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: Bentley SACS  
: Bentley STAAD Pro  
: Autodesk AutoCAD 2D  
: PRIMAVERA

## TRAINING COURSES AND CERTIFICATIONS

: Introductory Modules to the Oil and Gas Industry, Enppi Academy (Sep. 2011).  
: S.A.C.S. (Structure Analysis Computer Software), Aryatech (Abu Dhabi), Bentley partner (Mar. 2014).  
: H.U.E.T. (Offshore Helicopter under Water Escape), Arab Academy for Science, Technology and Maritime Transport (May 2012).  
: Project Management (Sep. 2014).  
: Some soft skills courses.  
: Summer Internships in construction sites, Arab Contractors Company (Aug. 2006 & Aug. 2007).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2011 till now
- Employer** : Gulf of Suez Petroleum Co. (GUPCO JV. British Petroleum)
- Projects** :
- Rehabilitation project of main complex (Budget: 128,000,000 \$ / year)
  - New 4 legged satellite platform project (Budget: 119,000,000 \$)
  - New 3 legged satellite platform (Budget: 10,000,000)
  - Subsea inspection campaign of 80 platforms (Budget: 8,300,000 \$)
  - Complexes' helidecks upgrade project (Budget: 20,500,000 \$)
  - Global structural assessment of fleet (Budget: 3,000,000 \$)
  - Boat landings upgrade campaign (Budget: 2,000,000 \$)
  - Satellite platform topside repair (Budget: 1,700,000 \$)
  - Satellite platform helideck upgrade (Budget: 1,500,000 \$)
  - Global structural assessment analysis (Budget: 85,000 \$)
  - Pipeline upgrade campaign (Budget: 135,000,000 \$)
  - Jetty of harbor maintenance project (Budget: 6,700,000 \$)
  - New mess hall project (Budget: 5,200,000 \$)
  - Heliport upgrade project (Budget: 3,700,000 \$)
  - Water intake basin (Budget: 3,500,000 \$)
- Job title** : Projects Structural Engineer
- Job Description** :
- Perform structural analyses using SACS software for top side, jacket, miscellaneous and bridges (In-Place analysis including psi and joint check – lifting analysis – dynamics).
  - Reviewing periodical platform's subsea inspection reports to insure company's platforms fleet integrity.
  - Update every platform's risk ranking based on company's structure integrity management system (SIMS) procedures to ensure the integrity of the whole fleet and then update subsea inspection plan.
  - Evaluate engineering contractor's work related to offshore structures to detect design deficiency and ensure its conformance to GUPCO/Bp specifications along with local/international codes.
  - Perform structure modifications/repairs for offshore satellites/complexes as deck extensions or strengthening.
  - Prepare material take off reports.
  - Supervision and quality assurance on the CAD section team to deliver the required engineering drawings.
  - Multi-disciplinary interaction at different project phases with other team members/ departments in order to accurately deliver the work required.
  - Support drilling team in slot recovery or extension structural requirements as sub-sea clamps for conductor or deflecting conductor tool is required.
  - Comply with the company safety, quality, and environmental standard.
- Dates** : From Jun. 2010 till May 2011
- Employer** : International Consultant Engineers (I.C.E.)
- Job title** : Highways Design Engineer
- Dates** : From May 2009 till Jun. 2010
- Employer** : Egyptian Army

**Job title** : Site Construction Engineer

**Dates** : From Aug. 2008 till May 2009

**Employer** : Civil and Environmental Engineering Group Consultant (C.E.E.G.)

**Job title** : Highways Design Engineer

**Field of experience** :

- Offshore structural engineering (steel) (7 years experience).
- Construction / highways design (2 years experience).
- Presently, I am a Projects' Structural Engineer with 7 years of experience in Egyptian oil and gas sector at an operation company GUPCO's (JV with British Petroleum, Bp) projects' engineering team. I perform in house designs for fixed offshore platform miscellaneous, local modifications, deck extensions or subsea conductor clamps, moreover I assess existing platforms against any additional loading or ship mooring using SACS structural analysis software (including simulation of the whole platform jacket, piles, soil and topside with the applied loads of existing equipment, waves, wind and current), furthermore, reviewing designs, assessments and fleet integrity studies done by 3<sup>rd</sup> engineering parties for the GUPCO's fixed offshore Platforms fleet to evaluate it with the relevant international codes and standards. On the other hand, I update the risk ranking for platforms after subsea inspection, meanwhile following up the inspection campaign progress and outcomes which may lead for a detailed assessment for any of the fleet' platforms. Sometimes a site visit to the offshore fields is required, I also do that. While working for GUPCO I have participated in projects of budgets around 500 MM USD over 6 years.
- I always deal / prepare structural drawings, subsea inspection reports/videos, MTOs. I know also how to use STAAD in structural analysis and I have fair knowledge about project management / coordination. In addition, however, previous experience of 2 years in other fields, 1 year for each of highways designs engineering and concrete structures construction.