

**105750-CVL-CDE-E-2013**  
**Geotechnical & Structure Engineer**

Holds a B. Sc. in Civil Engineering (Structure Dept.) and has over 3 years hands-on experience working as Geotechnical and Structure Engineer.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 26/10/1991  
Gender : Male  
Residence : Nasr City, Cairo

## EDUCATION

: B. Sc. in Civil Engineering (Structure Dept.), Ain Shams University, 2013

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Plaxis 2D
- : MS Office
- : AutoCAD 2D
- : SAP 2000
- : PcaColumn
- : PMP Preparation Course.
- : Introduction about constructions projects management.
- : Introduction Design of Space steel Structure (high rise building, Transmission Tower and Space frame) at Ain shams University.
- : Analysis of geotechnical using computer program (Excel – GeoStudio Sigma) at Ain shams University.
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  - Summer trainings at:
    - AIC (Arabian International Company) for Steel Structures (2012).
    - Construction ground reservoir at Nasr Company for Contracting (2011).
    - Development of airport Imbaba with Arab Contractors Company (2010).
    - Transport and Traffic Office with Dr. Said El-Sobky (2009).

# CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2015 till now
- Employer** : BAUER EGYPT S.A.E
- Job title** : Geotechnical & Structure Engineer
- Job Description** :
- New National Cancer Institute - 500 500 Hospital (Elshekh Zayed City):
    - Construction of Diaphragm wall with thickness 0.8m and depth 25m.
    - Construction of Permanent and Temporary Soil Nails.
    - Coordinate with Surveying Engineer to provide him all the information about land coordinates and any site measurement required and making geotechnical report.
    - Study the project contract documents (time schedule, project design drawings, BOQ, etc.).
    - Issuing customers and subcontractors invoices.
  - ZOHR Development Project:
    - Construction of Bored Pile with Diameter (0.8-1) m and depth 45m (by Drilling Machine BG28).
    - Arrange Sequence workflow at Site, Make Site Progress on timeline per day, Review Scope of Work with Time Schedule, Prepare daily report that describe the work in the Site and Ensure Safety Practices which used during all site activities.
  - El-Burullus Combined Cycle Power Plant:
    - Construction of Bored Pile with Diameter (0.8-1) m and depth 45m (by Drilling Machine BG28-BG12).
    - Use OCMA BENTONITE (High Swelling) at Drilling Stage and use Airlift Method at Cleaning Stage.
  - City Center Almaza (MAJID AL FUTTAIM):
    - Construction of Diaphragm wall (Cut & cover tunnels) by Cutter Machine BC30 with thickness 0.8m and depth 20m.
    - Construction of Berlin Wall (Soil Beam-Shoring System) with Prestressed Anchor at Hinged Point.
  - CAIRO METRO LINE 3 / PHASE 4 (ALF MASKAN STATION / AL-SHAMS CLUB STATION):
    - Soil Investigation.
    - Construction of Diaphragm wall (Waterproofing wall) by Cutter Machine MC96 with thickness (0.8-1) m and depth 33m.
    - Supervision on Steel and Fiber works (Cages-Overlap-Lifting-Welding-Levels of Coupler).
    - CUT-OFF Wall (Slurry wall) - Supervision on INCLINOMETER Test.
    - Construction of Barrettes (3-welded IPE with length 25 meter, width 1.2m, thickness 0.36m and its toe from Reinforcement Concrete with length 5m).
    - Make Bentonite Slurry test (Sand content- Water loss- Density- Viscosity- Filter Cake- PH Value).
    - Chemical Injection (Soft Gel) and Cement Injection (by Drilling Machine BG28) to make Plug 2m, 4m at ALFMASKAN STATION and 2.5m, 5m at AL-SHAMS CLUB STATION.
    - Dewatering by Deep Wells, Piezometer and Making Pump Test.

- MARSELIA-HAYAT ALEX PARK: Diaphragm wall with thickness 0.65m and depth 33m and Compression test on Barrette.
- Construction of Secant Pile wall (C.F.A Piles) R.C walls and Stony walls (from Jul. 2013 till Jan. 2014).