

Holds a B. Sc. in Civil Engineering (Structural Dept.) and has over 5 years experience working as Structural Design Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 11/04/1994
Gender : Male
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Civil Engineering (Structural Dept.), Ain Shams University, 2017

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD, SAP 2000, SAFE, ETAPS, CSI Column, Staad Pro, Revit Structure

TRAINING COURSES AND CERTIFICATIONS

: Cert Prep: Revit for Structural Design Professional - LinkedIn.
: Creating Concrete Buildings with Revit Structure - LinkedIn.
: Construction Management Foundations - LinkedIn.
: Stay Ahead in Construction Management - LinkedIn.
: BIM Foundations - LinkedIn.
: Learning Construction Estimating - LinkedIn.
: Project Management Foundations - LinkedIn.
: English Course (online).
: Training as Detailing Engineer at Arabian International Company for Steel Structure (AIC) (Aug./Sep. 2016).
: Training as Site Engineer at EHAF Consulting Engineers - West Gate Mall Project at 6th of October City (Jul./Aug. 2016).
: Training as Quantity Surveyor Engineer at EHAF Consulting Engineers: Structural Quantity Surveyor (Metro Project Line 3 phase 4) (from Jun. till Aug. 2015).

- : Training at Engineering Consultants Group (ECG) on Construction and design skills and learn how to make shop drawing (from Aug. till Oct. 2014).
- : Training at Arab Contractors Company (Jun./Jul. 2014).

CHRONOLOGICAL EXPERIENCE RECORD

Dates	: From Aug. 2019 till now
Employer	: El-Sewedy Electric Power System Projects (PSP)
Job title	: Structural Design Engineer (Concrete Structure)
Job Description	<ul style="list-style-type: none"> • Julius Nyerere Hydropower Dam (JNHPP), Tanzania – location of work: Tanzania, Dar Es Salam, SMEC Offices (1 year & 2 months) – Tanzania (Selous Site) (1 month) – Cairo (1 year): <ul style="list-style-type: none"> - Making structural Design for Erection Bay in Powerhouse Building. - Making structural BOQ for main hall units in the powerhouse building. - Making Structural Design for control building. - Making structural BOQ for control building. - Review the stability report and GDR report for powerhouse building. - Review the stability checks for saddle dams. - Review the shop drawing for erection bay, Auxiliary building, Units foundation. - Coordinate the structural drawing with other disciplines and make contact between Dar Es Salaam and Cairo team with site team. - Making structural design for auxiliary building in powerhouse building. - Making Structural Design for walkway. - Responsible for units 1, 2, 4 and 8 coordination with E&M Cairo team and ensure to produce the most achievable quality with SMEC stuff. - Review 3d model of powerhouse and match it with construction drawing. - Coordinate the structural drawings for units no 1, 4, 5, 8 with other disciplines and solve the clashes. - Track SMEC drafters on daily basis and send the comments to them to modify the quality of the drawings. - Send and coordinate supplier data with SMEC and help SMEC team to apply and address the whole required data. - Coordinating Artelia Comments and reviews and share it with SMEC. - Send all design reports to Artelia for comments. - Engineering programs used: AutoCAD, Sap2000, Revit, Bim360. • Layyah Combined Cycle Power Plant, UAE (location of work: Egypt): Making structural design for: <ul style="list-style-type: none"> - Fire Fighting tank, HRSK Storage support area foundation, trenches, duct banks and manholes. - Air compressor building, emergency diesel generator foundation and pipes rack foundation. - Central control building, secondary steel platforms foundation and water treatment building. - Common electrical building, gas compressor electrical and GCB foundation. - Making overall composed layout foundation plan for power plant to

check clashes between foundations of different structures with existing structures.

- Fuel oil electrical building, gt oily drain pit foundation, fuel oil fence and Aux Transformers Foundation.
 - Blow Down Sump pit and Feed water pumps foundation at steam building.
 - Making structural BOQ for power plant to make a comparison between tender quantities and actual quantities and calculate the overrun in cost.
 - Structural BIM models for cas compressor area building, power transformers, pipe racks support, common electrical building and control building by Revit structural to check clashes and to export IFC model for overall power plant.
 - Engineering Programs used: AutoCAD, Etaps, Safe, Sap2000, Revit Structural.
- Central Weapons Workshops Tender, Egypt: Site Visit, Making concrete proposal statical system and concrete BOQ.

Dates : From Dec. 2018 till Jul. 2019
From Jul. 2017 till Oct. 2017

Employer : Jawda Engineering Consultants (JEC)

Job title : Structural Design Engineer

Job Description :

- Villa El-Hawary, El-Shorouk City - Egypt:
 - Making structural design for villa consists of basement and 3 floors.
 - Making full work shop drawings and BOQ for this building.
 - Engineering Programs used: AutoCAD, Etaps, Safe, CSI Column, Revit Struc.
- Azizyiah Substation - KSA:
 - Making structural design for GIS building, underground water tank and Crane girders and corbels.
 - Engineering Programs used: AutoCAD, Staad Pro.
- King Khaled Substation - KSA:
 - Making structural design for capacitor bank foundations and boundary walls foundations.
 - Engineering Programs used: AutoCAD, Staad Pro.
- Extension of 6th October City Substation - Egypt:
 - Making structural design for GIS building and Control building, power Transformer and Fire wall foundations.
 - Engineering Programs used: AutoCAD, Etabs.