

Holds a B. Sc. in Civil Engineering and has over 5 years of experience in the structural analysis, design and detailing of concrete and steel structures.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/08/1991
Gender : Male
Marital Status : Single
Residence : Nasr City, Cairo

EDUCATION

: B. Sc. in Civil Engineering, Ain Shams University, 2014

LANGUAGES

Arabic : Native Language
English : Excellent
French : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: SAP 2000
: Etabs
: Safe
: AutoCAD
: Revit
: ROBOT Structural Analysis
: PROKON
: Staad Pro

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2019 till now
Employer : [EGYPTROL](http://www.egyptrol.com)
Projects :

- Alexandria East wastewater treatment plant (EWTP) Substation
- Dangote Refinery Petrochemical project substation

Job title : Senior Structural Engineer

Job Description : Duties include preparing or assisting with the preparation of efficient and effective analyses and designs of substation structures, pipe racks structures and foundation works; preparing drawings, contract documents, and other project documents; reporting to appointed principal in relation to the implementation of specific structural works in accordance with the work program of each project; and undertaking special assignments, as required.

Dates : From 2014 till 2019

Employer : ECG (Engineering Consultants Group) S.A., Cairo

Projects :

- Port Said tunnels under the Suez Canal Launching shaft, Reception shaft, cut & cover and cut & cover shoring system with SYSTRA (as senior of the project for 2 years)
- Abu Owaikal Water Treatment Plant, Egypt - The Abu Owaikal Water Treatment Plant is a key station planned to serve certain areas in Nasr City and its extensions. The plant is designed to operate with an overall capacity of 500,000 m³/day. Treated water is pumped from the treatment plant to water networks via two pipelines, one 1,200 mm in diameter and the other 1,400 mm in diameter. The Abu Owaikal Water Treatment Plant utilizes a system of rapid sand filters. It comprises a raw water intake, coagulators, flocculates, clarifiers, and sand filters, in addition to service buildings and raw and treated water lift stations.
- NEW AL-ALAMEIN CITY SEAFRONT & DOWNTOWN - The project covers a multi-purpose seafront, a promenade overlooking the Western Lakes, and recreational and commercial services on the City Corniche. The seafront includes 21 towers for commercial, recreational, residential, and hospitality purposes. Tower heights range between 8 floors and 40 floors, with a total built-up area of 1,732,071 m². The seafront also includes two commercial and recreational areas (total built-up area of 173,100 m²) on both sides of a walkway. The project also covers 14 apartment buildings (each 8 floors + roof) in the downtown, as well as two podiums for parking spaces and retail units.
- Sumou Sales Center, Saudi Arabia - On a plot area of 12,000 m² and with a built-up area of 1,500 m², the building is designed to be cost-effective, creative, unique, and appropriate to Makkah's culture and climate. It consists of a ground floor and a first floor. The ground floor has a main entrance, reception area & VIP lounge, main exhibition & multipurpose halls, offices of bank representatives, sales offices, kids' area, prayer rooms, toilets, and cafeteria. The first floor contains an administrative area for managers, meeting room, and archives. The site layout is designed to include a prestigious entrance approach, green areas, and water features, as well as 75 parking spaces and an outdoor parking area for golf carts.
- Madinaty Office Park Project, Egypt - The project involves the engineering design for the administrative area (office park) at Madinaty.
- Unilever Factory, Egypt - With a footprint area of 5,412 m² and a total built-up area of 13,500 m², the factory of Unilever Mashreq is located at Industrial Zone 4 in 6th of October City. This project covered the renovation and refurbishment of the Powder Factory (steel structure), which comprises a sprays tower (for powder drying); a process building (ground floor and five upper floors); and a packing building (ground floor and mezzanine).
- Hyde Park, Egypt - The project is a unique residential and commercial

development over 6.3 million square meters. The development comprises luxury villas, townhouses (2-, 4-, and 6-plex units), apartments, retail centers, 72 meter-high commercial/office towers, a golf course, a golf club, a sports and health center, and community facilities. Cairo International Medical City, Egypt. On a land area of 138,258 m², the medical city includes the hospital's main building (footprint of 14,720 m²), as well as an academic research center, psychiatric unit, wellness park, hotel, wellness resort, health club, medical mall, and staff accommodation units.

- Design Services for Porto Agadir Phase 1, Morocco - The project spreads on a land area of 1,200,000 m². The land area of Phase 1 is 173,000 m², with a total built-up area of 89,170 m². The project consists of a 130-key hotel with a built-up area of 14,329 m², commercial areas with a total built-up area of 6,731 m², and apartments with a total built-up area of 68,110 m².
- Second Integrated Sewerage & Sanitation Infrastructure Project (ISSIP 2), Egypt - The project comprises three main components: (1) Provision of sanitation systems (networks and centralized/decentralized wastewater treatment plants) within selected drainage sub-basins. (2) Institutional development and capacity building. (3) Raising awareness on improved hygiene and sanitation practices.
- Renovation of Central Bank of Egypt branches.

Job title : Structural Engineer

Job Description : Duties include preparing or assisting with the preparation of efficient and effective analyses and designs of structural and foundation works; preparing drawings, contract documents, and other project documents; reporting to appointed principal or senior engineers in relation to the implementation of specific structural works in accordance with the work program of each project; and undertaking special assignments, as required.

Field of experience : Over 5 years of experience in the structural analysis, design, and detailing of concrete and steel structures using local and international codes, such as ACI, Euro, and British codes, including the activities of supplying drafting staff with information to assist with the production of detailed drawings; preparing sketches, reports, and supporting calculations; performing quantity surveying activities; executing design work in compliance with project requirements and quality systems; and applying software programs such as SAP 2000, ETABS, STAAD, Revit, SAFE, ROBOT and spreadsheets for various projects, including industrial facilities, water treatment plants, residential compounds, resorts, administrative buildings, tunnels, healthcare facilities, Substations and infrastructure projects.