

Holds B. Sc. in Civil Engineering and M. Sc. in Structural Engineering. Has over 16 years hands-on experience in design and technical office.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/07/1984  
Gender : Male  
Marital Status : Married  
Residence : Nasr City, Cairo

## EDUCATION

: B. Sc. in Civil Engineering, Cairo University, 2006  
: M. Sc. in Structural Engineering, Cairo University, 2013  
: El Saedia Military Secondary School, Cairo, Egypt, 2001

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: Revit structural (BIM model)  
: AutoCAD (2D)  
: SAP (Structural analysis program)  
: ETAB (Structural analysis program)  
: Safe (Structural analysis program)  
: Idea Statica (steel Structural connection design program)  
: PCA Column (Structural design program)  
: CSI column (Structural design program)  
: Adapt pt (post tension program)  
: MIDAS set (Structural design program)  
: RAM connection (steel Structural connection design program)  
: PROKON (Structural design program)

# CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2015 till now
- Employer** : ECG Engineering Consultants Group S.A., Cairo
- Job Description** : • From Aug. 2022 till now: Structure Section Head for Smart Village Branch:
- In charge of internal and external management and organizational tasks, integrated within the strategic development of the department and authorized to issue instructions and make decisions with regard to engineering tasks.
  - Creating many technical proposals including (design/contractor scope of work, the expected level of efforts and the preliminary list of drawing).
  - Participate as a technical reviewer in the following steel structure and reinforced concrete building:
    - ❖ NEOM – Multi Purpose Hall With a total built-up area of 2,686 m<sup>2</sup>; the project comprises the design and build of a multi-purpose hall that is used by the wider NEOM Existing Community 1 and New Community 2. The site is situated in the southwest part of the entire NEOM site, taking advantage of the ocean views. The building is designed to be visually appealing, which creates a pleasant and comfortable environment. It includes amenities such as toilets, storages, food preparation, and staff support rooms. This adds to assembly rooms with a total built- up area of around 900 m<sup>2</sup>.
    - ❖ The Club – ZED East: At the heart of the development, the Club which occupies a land area of 168,227 m<sup>2</sup> (40 acres) fuses together high-grade sporting and hospitality facilities in beautifully landscaped gardens. Consisting of a sportsuniversity, football and tennis academies, and extensive swimming pools; the club is positioned as the social hub for the development and has extensive food and beverage offerings along with lounges, function space, and play-space surrounding.
    - ❖ SEASHELL PLAYA at North Coast: Over a land area of 751.2 acres; the project consists of beach studios (BUA: 76,554 m<sup>2</sup>), cabanas (BUA: 24,904 m<sup>2</sup>), villas (BUA: 206,813 m<sup>2</sup>), chalets (BUA: 397,097 m<sup>2</sup>), recreational area (BUA: 5,700 m<sup>2</sup>), hotel (BUA: 6,088 m<sup>2</sup>), in addition to a commercial, administrative, and service area with a total BUA of 83,526 m<sup>2</sup>.
    - ❖ LE MERIDIEN PYRAMIDS Renovation: Le Meridien Pyramids Hotel & Spa boasts unparalleled views of the majestic Giza. Pyramids located only 1 km away. It features a large outdoor free-form pool, with a bar island. Project comprises the lobby including the restaurants, entrance, 3 ballrooms (including the sultana ceiling demolition), Sultana's external terrace, reception area, and the renovation of the facades.
    - ❖ PALM HILLS IN NEW AL-ALAMEIN: The integrated urban community comprise standalone 30 villas with a BUA of 218 m<sup>2</sup> each, 17 twin houses with a BUA of 183 m<sup>2</sup>, and apartment buildings (G+5). The apartment buildings encompass three types of units (1, 2 and 3 bedrooms)

- including 6 buildings (31 apartments each) with a BUA of approximately 3271 m<sup>2</sup>, 2 buildings (32 apartments each) with a BUA of approximately 3271 m<sup>2</sup>, and 12 buildings (30 apartments each) with a BUA of approximately 3094 m<sup>2</sup>. This adds to a commercial zone with retail and leisure areas, gates and fences, 2 substations, and 2 underground water tanks.
- ❖ LIFT STATION NO. 10 AT SOUTH AL-DABAA CORRIDOR: The project includes the establishment of a lift station, which is part of a project for agricultural and sanitary wastewater transfer from Al-Omoum, West Nubariya, and Al-Khairy drains; and a treatment plant with a capacity of 6 million m<sup>3</sup>/day with the purpose of reclaiming 362,000 acres in Al-Hamam city.
  - ❖ KATAMEYA COAST: The project is located in the North Coast near Al-Dabaa, Matrouh; on a total land area of 205 acres (860,522 m<sup>2</sup>). Phase 1 has a total BUA of 180,965 m<sup>2</sup>; including villas (types 606, 565, & 535), standalone units (types 400, 320, 315, and 300), twin-houses (type 275), condos, cabanas, beach club, duplex, car parkings, pools, water features, staff accommodation, administrative offices; in addition to infrastructure facilities for phases 1 and 2 which comprise RO plant, wastewater treatment plant, circular tank, and water tank. The total no. of buildings in Phase 1 is 254.
  - ❖ PAPER FACTORY FOR AL-HUSSEIN INTERNATIONAL Co.: The project comprises steel structure buildings with a total built-up area of about 15,773 m<sup>2</sup>, and on a total plot area of approximately 19,899 m<sup>2</sup>; including administration area, production area, service rooms, pallet store, and roll store, in addition to utilities, fences, gates, and site infrastructure.
- From Mar. 2015 till Aug. 2022: Principal Structure Engineer - Participated in the following steel structure and reinforced concrete buildings (as Team Leader and Technical Reviewer):
    - MADINAH GATE PROJECT: The project is planned to be developed on 2 phases: Phase 1 (E16-1A & E17-1) with total land area of 20,665 m<sup>2</sup> including; 1-Plot (E16-1A) comprising a bus terminal in the ground floor and retail areas of maximum 4 storeys with a total BUA of 28,000 m<sup>2</sup>, connected to Plot (E17-1), which is an intermediate bridging between parcels (E16-1A & E17-1). 2- Plot (E17-1) encompassing a 4-star hotel with estimated BUA of 22,249 m<sup>2</sup>; retail GLA of 14,000 m<sup>2</sup> including shopping mall, supermarket, cinemas, family entertainment center, and international food court with estimated BUA of 21,991 m<sup>2</sup>; Southern Plaza between E17-1 & E17-2 as a welcoming plaza for the southern entry point for E17-1 and for E17-2 in the future expansion; and basement parking B1 and B2 with estimated total area of 29,055 m<sup>2</sup>; and Phase 2 (E 17-2) for future expansion.
    - ARAB AFRICAN INTERNATIONAL BANK BUILDING AT ADMIN CAPITAL: The bank is built on a plot area of 9,000 m<sup>2</sup> and with a total BUA of 42,522 m<sup>2</sup>. The building comprises 2 basement floors, a ground floor, and 7 upper floors.
    - ALEXANDRIA EAST SLUDGE TREATMENT PLANT: The plant comprises two sludge mixing and transfer tanks (each 125 m<sup>3</sup>); gas holders (5,000 m<sup>3</sup>); a four-floor sludge digestion building (footprint area of 380 m<sup>2</sup> and built-up area of 1,480 m<sup>2</sup>); a digester tank

(16,000 m<sup>3</sup>); a digested sludge storage tank (2 x 1,250 m<sup>3</sup>); a waste gas burner; a biogas treatment unit; a boilers building; and a powerhouse.

- DJELFA CEMENT PLANT IN ALGERIA: The Djelfa Cement Plant project in Algeria involved the design of two production lines with a capacity of 4,500 tons per day each.
- CITYSTARS MAADI: Over a land area of 9,282 m<sup>2</sup>, with a Nile Corniche front of 116 m and a total-built up area of 121,635 m<sup>2</sup>, the mixed-use development consists of a four-level basement, ground floor, two-level podium, and 29 upper floors, including a 311-key hotel & offices (3rd to 11th floors); residential apartments & offices (12th to 16th floors); residential apartments & clinics (17th to 22nd floors); residential apartments (23rd to 29th floors); and ballroom (30th and 31st floors). The development also includes commercial units. The residential units add up to a total of 72 apartments.
- Custodian of the Two Holy Mosques King Abdullah Bin Abdul Aziz for Development of the Security Facilities for Ministry of Interior (Deputy Ministry for Planning and Security Development)-KAP5-G4, as Structural Team Leader. This project consists of 40 plots with 17 prototype, where each prototype consists of about 7 buildings. Some buildings are reinforced concrete structure, and others are steel structure buildings.
- ARAB ACADEMY FOR SCIENCE, TECHNOLOGY & MARITIME TRANSPORT HQ AT SMART VILLAGE: On a land area of approximately 9,000 m<sup>2</sup> and with a built-up area of 21,000 m<sup>2</sup>, the project comprises a three-floor basement, a ground floor, and 5 typical floors.
- GIRLS' CAMPUS OF THE ISLAMIC UNIVERSITY IN NIGER: The Government of Niger has allocated a 50,000 m<sup>2</sup> land for the construction of the girls' campus of the Islamic University in Niger. The total number of students in all specialties is estimated to be 1,500. The campus shall include an administrative building, Faculty of Languages, Faculty of Education, Faculty of Islamic Studies, Faculty of Economic Studies, a G + 2 accommodation building for 1,200 to 1,300 students, G + 2 accommodation building for staff, G + 1 villa for the campus chairperson, a restaurant building accommodating 200 persons, and a mosque (prayer area) of 500 m<sup>2</sup>.
- AL-SALAM TOWERS AND TOLIP HOTEL: The project is a mixed-use development that contains a hotel tower, residential tower, and retail units. Over a footprint area of 8,100 m<sup>2</sup>, the mixed-use development consists of a three-level basement (parking and services), ground floor, mezzanine, and six-floor podium (retail units, restaurants, cinemas, conference halls, gym, food court, and swimming pools). The podium is overtopped by a hotel tower (20 floors), residential tower (22 floors), and a helipad.
- BEYTI PLANT EXTENSION: The project comprises the design and construction management and supervision of four production buildings and a filling area, each with a ground floor, mezzanine, and a roof, and each with a footprint of 10,750 m<sup>2</sup>. The project also comprises 3 warehouse buildings for raw materials, with a footprint of 5,650 m<sup>2</sup>, along with all electromechanical and infrastructure works.

- THE QATAR NAVAL FORCE BASE: Participated as team leader in 3-steel structure buildings (HULL WORKSHOP, GUNNERY WORKSHOP, MAIN SPORTS COMPLEX).
- ARAB ACADEMY FOR SCIENCE, TECHNOLOGY & MARITIME TRANSPORT IN NEW AL-ALAMEIN CITY (Participated as core team leader): The project over a total land area of 280,000 m2, the university campus is planned to include four main components (educational, administrative, residential buildings, as well as a mosque, library, and other service buildings) with a total built-up area of 221,106 m2.
- NEW MANSOURA CITY TOWERS (Participated as core team leader): The towers is located in the Coastal Area north of New Mansoura City. It is divided into eight plots of land with an average area of 17,500 m2. Each plot has three residential towers rising above a shared podium. Each residential tower is 120 m high and has a total built-up area of about 60,000 m2.

**Dates** : From May 2013 till Feb. 2015  
**Employer** : Saudi Binladin Group (ABCD), Jeddah, Saudi Arabia  
**Job title** : Structure Engineer  
**Job Description** : Participated in King Abdullah Bin Abdulaziz Project Third Saudi Expansion of Holy Haram Makkah & Surrounding Areas in Security Buildings as Technical Office Engineer.

**Dates** : From Jul. 2008 till Apr. 2013  
**Employer** : ECG Engineering Consultants Group S.A., Cairo, Egypt  
**Job title** : Structure Engineer  
**Job Description** : Participated in the following projects:

- Palm Parks Project.
- Domiat Agricultural Packing Plant.
- Madinaty Sporting Club.
- Staffing Housing Complex for Misr for Clearing, Settlement & Depository.
- Mariot Courtyard Hotel, Jeddah.
- Infrastructure Works for Expansion of Esnaad Industrial Area & Adnoc Hse Camp.
- Madinaty Water Park.
- Oqyana.
- Namaa Multi-Storey Office Building.
- Cairo and Alexandria Stock Exchange Office Building, Sv.
- South Sector Center Retail & Commercial Facilities – Madinaty.
- Infrastructure for Smart Village – Second Phase.
- Maadi Contact Center Business Park.
- Djelfa Cement Plant in Algeria.
- Marine and Infrastructure Works for Aladabeya Port.
- Design of National Post Organization Club.
- Design Services for Madinaty Projects.
- Halliburton Workshop.
- Palm Hills Golf View villas.
- Canadian school in New Cairo City.
- Multi-story car park – Housing and Development Bank (as Team

- Leader).
- Grand Egyptian Museum – Phase III (as Team Leader).
- Hyde Park (as Team Leader).

**Dates** : From Jul. 2007 till Jul. 2008  
**Employer** : MUST University (Misr University for Science & Technology), 6 of October, Egypt  
**Job title** : Teacher Assistant

**Dates** : From May 2006 till Jul. 2007  
**Employer** : Al-Hashmy Engineering Cosultant Office, Cairo, Egypt  
**Job title** : Structure Engineer