

**DR. HEBA SABER MOHAMMED AHMED**

**(CIVIL ENGINEER)**

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## **EDUCATION AND PROFESSIONAL QUALIFICATIONS**

- Ph.D. in Structural Engineering (Alexandria University 2025)
- Master of Science degree in civil engineering (Alexandria University 2016).
- B.SC, Civil Engineering, Faculty of Engineering, Alexandria University, Alexandria, Egypt, 2005.

## **PROFESSIONAL EXPERIENCE**

- September 2025 – Present: Lecturer (Ph.D.), Civil Engineering Department, Higher Institute of Engineering and Technology – King Marriott.
- October 2017 – August 2025: Assistant Lecturer, Civil Engineering Department, Higher Institute of Engineering and Technology – King Marriott.

## **NATIONALITY**

Egyptian

## **DATE OF BIRTH**

28/2/1981

## **LANGUAGES**

Arabic (Native) & English (good)

## **EXPERIENCE**

More than 19 years of experience as a civil engineer, in the design and execution of residential buildings, high-rise structures designed to resist earthquakes and wind loads, and industrial facilities. Skilled in preparing executive and detailed drawings, and material quantifications, performing technical reviews, managing repair works, and handling the technical and financial aspects of bids and tenders.

Additionally, experience in technical office work including: preparing shop drawings, developing tender documents (such as BOQ, general and particular conditions), preparing client invoices, and coordinating between structural, architectural, and MEP drawings to ensure seamless integration.

- **Worked from April 2016 till Now As a civil engineer in the EBEIDO CONSULTING CIVIL ENGINEERS office and participated in the following projects:**

### **Commercial and QS manager**

Design and technical office work: preparing shop drawings, preparing tender documents including BOQ, general conditions, and particular conditions, preparing client invoices, coordination between structure drawings, arch., and MEP drawings.

### **Duties included:**

- 1- Design and Workshop-drawing for bridges, housing, service, and industrial buildings (such as Sawary new Alex. buildings project, Three bridges in New Alamin City, Egypt; bridges 3, 5, and 7)
- 2- The development of Tore seaport (Petro-jet Sinai Projects.). Owner Red Sea Ports Authority.
- 3- Develop EL Gomhoria hospital
- 4- Cars and passengers waiting for the ALHurghada project (the project consists of 8 buildings; Administration building, Restaurants Building (A), Restaurants Building (B), Restaurants Building (C), Electricity Room, Ground tank and pump room, Women's Bath Building, and Men's Bath Building.). Owner Red Sea Ports Authority.
- 5- Project for the establishment of tanks for the necessity of the preparation project in Burj Al Arab - ETAP Paper Factory
- 6- Design a fire extinguishing network project at the Faculty of Medicine- Alexandria University
- 7- The project of raising the efficiency of the sea wall at the Pharos Sports Club - Alexandria University.
- 8- The Development of Mukalla seaport- Yamen.
- 9- Design the Project of a Hunger Priest at warden-Alex. (Navy).
- 10- Design of 7 different Belding of the planning of the new squares area –of area transferred to the ownership to a customs office of Alexandria Maritime Port.
- 11- Planning of the construction of a multi-purpose seaport - Qashan City – Yemen.
- 12- Preparing Pile loading test reports, and plate loading tests.
- 13- Preparing to repair and strengthen reports.
- 14- In addition to, the review conferred on the Office of Project as Alexandria Court building resume – Smoha, and Hayat Alex. Park Packge, and review Post tension design.

In addition to the design Al Amal Steel Rolling Co., Alex., Borg El Arab, Industrial area 5A. (the design included: a steel structure for the factory – Administrative building – Service building – Security rooms – Electrical room and Generator – Mosque – Balance Scale foundation – And fence)

- **Worked from August 2008 until Damper 2015 As a civil engineer in Dr Moustafa Shehata's office and participated in the following projects:**

**Senior Design and Technical Office head engineer.**

Design and technical office works; preparing shop-drawing, preparing tender documents including BOQ, general conditions, and particular conditions, preparing client invoices, coordination between structure drawings, arch. Drawing and MEP drawing.

**Duties included:**

- 1- Study the project contract documents for the Design Teachers Association's Building in Kafr El-Sheikh. Review the constructed quantities on site, and prepare the assay.
- 2- Design and prepare all studies of the Residential compound in King Marriott.
- 3- A technical report of the review of the construction drawings of the columns and foundations of EL- Sahwa Special Languages School in Ajami Abu Yuseef in Kilo25; the owner/ Abu Al-Qasim for Engineering and Construction Co. To study the rise of one role.

- 4- Design of retaining wall of area zone of Ajami district (Thabit co.).
- 5- Design of Slabs-on-Grade for the store (army Forces)
- 6- Design the nursery school with a garden and massaged (Nubaria City Authority)
- 7- Tank of Extension of Paradise Beach Village (65 Km North Coast).
- 8- Design Residential Villas in King Marriott.
- 9- Design a Residential Villa in Cairo.
- 10- Design Residential Villa in Shepin Alcoom.
- 11- Design Higher Institute for Engineering in Pagour.
- 12- Design a Residential Building in Sedi-Krer.
- 13- Design Residential Villas in Rehab City.
- 14- Covering Meetings Room in Engineering Faculty, Menofeya University (steel construction).
- 15- Redesign Building to Heightening 2 Levels in Damanhour.
- 16- Design a Residential Villa in the North Coast.
- 17- Redesign High Rise Building (Earth Quack and wind).
- 18- Repairing, strengthening, and development of cinema Radi
- 19- Design Service Building and New Bathrooms and Consolidation Administration Building's Basement for "Lycée liberté".
- 20- Supervised the implementation of some projects.
- 21- repairing of some projects such as repairing and strengthening the Ban Maser (21 Ahmed Awrabi Street, Alex.), Archives of Bank Maser - Mina onion
- 22- Addition to provide technical consultancy to solve problems at the site and design

- **Worked from August 2006 till July 2008 As a civil engineer in Dr Mohammad Ibrahim El-nggar office and participated in the following projects:**

**Design and Technical office engineer.**

**Duties included**

- 1- Nevertary building.
- 2- Structural design of VIEW tower.
- 3- Structural design of Oreen facility for candy (Wall-management buildings – Shop work boiler).
- 4- Structural design of El Manara facility (grinders-granary-management buildings).
- 5- Materials Count for the judgments building in moharram – bek.
- 6- Work shop drawing works for the research town in toshka; (Complete city facilities and services).
- 7- Design of announcement board (steel construction).
- 8- In addition, other projects were revised by the office.
- 9- Zahraa AL Maadi's Residential Compound (Armed Forces).
- 10- Repair, Redesign, and improve the Spinning and weaving factory in Kafr al Dwar (steel construction).
- 11- Steel structural design of some constructions as covering and Factories Beside, projects that revision by the office.

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- *Worked since graduation (Aug. 2005) till (July 2006) as a Civil Engineer in Dr.Mohammad Khairy Sroor's office Participated in the following projects:*

**Technical office and site engineer.**

**Duties included:**

- 1- structural design of an orphan house
- 2- structural design of a restaurant in Sharm El Sheikh
- 3- structural design of A hospital roof (steel constructions)
- 4- structural design of covering for a meeting hall in El-fardous Beach Owners Society
- 5- supervising the repair of (El-fardous Beach Owners Society)

### **TRAINING COURSES**

- Arab contractor's Co.
- El Mahmoudia Co.
- Alexandria for petrol co.
- Dr. Fathy Abd Rapo office

### **COMPUTER SKILLS**

- SAP 200
- ETAPS
- SAFE
- Primavera P6.
- M.S Excel.
- M.S Word.
- AutoCAD.

### **PERSONAL ABILITIES: -**

- Preparing all technical drawings.
- Preparing bill of material.
- Study and determine tender.
- Providing technical support.
- Doing Assays.
- Review Abstracts.