

Holds a B. Sc. in Mechanical Engineering and has over 4 years experience working in construction, design, technical office and HVAC.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 22/11/1995  
Gender : Male  
Marital Status : Single  
Residence : Nasr City, Cairo

## **EDUCATION**

- : B. Sc. in Mechanical Engineering, Higher Technological Institute at 10<sup>th</sup> of Ramadan City, 2019
- : Secondary Education: El Muhamedia Language School

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

- : Windows, MS Office, Internet
- : AutoCAD
- : Fire Elite
- : Revit
- : 3D Plant AutoCAD
- : Solid Works

## **TRAINING COURSES AND CERTIFICATIONS**

- : Heating, ventilation, and air conditioning system (HVAC), EGY CET (from Oct. till Dec. 2018).
- : MEP Design Diploma, Engineers House (from Dec. 2019 till Feb. 2020).
- : Mechanical Engineering Trainee at El-Deep Motors (Jul./Aug. 2019).
- : Mechanical Engineering Trainee at El-Massreya Motors (Jul./Aug. 2018).
- : Mechanical Engineering Trainee at Shoubra El-Kheima Power Station (Jul./Aug. 2017).
- : Mechanical Engineering Trainee at Arab Contractors (Jul./Aug. 2016).

- : Mechanical Engineering Trainee at Workshops in HTI Institute (Jul./Aug. 2015).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2022 till now
- Employer** : Engineering Consultant Group (ECG – Dorsch Gruppe)
- Projects** :
- SUEZ METHANOL DERIVATIVES, EGYPT: The project comprises methanol derivatives complex, including urea formaldehyde resins plant and sulphonated naphthalene formaldehyde plant. The chemical blending batching plants concept used here are similar to several chemical and petrochemical industries.
  - ABHA MIXED-USE PROJECT - PHASE 1 & 2, SAUDI ARABIA: The project comprises commercial spaces, 4-star hotel, 3-star serviced apartments, hypermarket, medical clinics block, services and parking; on a land area of 75,560 m2.
  - ELECTRICAL EXPRESS TRAIN STATIONS EETS - TERMINAL (3 STATIONS), EGYPT: High speed train stations terminal stations.
  - HARD CHEESE AND SEMI-HARD CHEESE FACTORY IN BORG AL-ARAB, EGYPT: Over a land area of 20,000 m2, the project consists of a cheese production factory, mosque, and a power plant. The ground floor (area: 19,130 m2) comprises a production line (divided into 7 zones), refrigerators zone (includes 7 refrigerators), cheese storage room, and electromechanical services. The mezzanine floor (area: 3,655.5 m2) includes administrative rooms, two training halls, two operation and maintenance rooms, in addition to services area (kitchen and electrical services).
  - EGYPT UNIVERSITY OF INFORMATICS (EUI), EGYPT: Egypt University of Informatics (EUI) is a non-profit university established by Ministry of Communications and Information Technology in the Knowledge City at the New Capital. Considered as the one of the most important educational and cultural projects in Egypt (in terms of location and size), it includes university buildings (6 faculties) on a plot area of 82,433 m2, and with a total built-up area of 202,626 m2 for faculties' buildings, administration building, and the main library; and a social club on a plot area of 25,833 m2, and with a total built-up area of 14,602 m2.
  - GLORIA HOSPITAL, EGYPT: The hospital consists of a three-level basement, ground floor, and three typical floors, on an area of 4,600 m2. The building occupies 40% of the land area, with a total built-up area of 20,800 m2. The hospital encompasses medical care departments (emergency, radiology, operations, intensive care, neonatal intensive care unit (NICU), cardiac intensive care unit, outpatient clinics, laboratories, and dialysis); and non-medical service departments (kitchen, laundry, sterilization center, waste management center, and morgue); in addition to the new radiation oncology department.
  - NEW BUILDINGS FOR YOUSSEF AL-SEDDIK HOSPITAL, EGYPT: On a total land area of 15,500 m2; the project comprises the construction of new buildings including main hospital building (145 beds) with a total BUA of 20,100 m2, Plasma building with a total BUA of 3,000 m2, staff accommodation building with a total BUA of 19,000 m2, and substation building with a total BUA of 432 m2.

- FIFTH SQUARE MALL, EGYPT: The project comprises the construction of state-of-the-art mall in Fifth Square Compound, New Cairo. The Mall has unique design features, with a canopy (metal structure) covering the mall roof in the form of a dancing light. The total built-up area of the mall reaches 180,000 m2 in addition to terraces of 23,000 m2. The mall will include cinemas, restaurants, indoor retail area, and outdoor retail area. The Mall is built on a land area of 63,000 m2.
- AL-ALAMEIN OLD CITY, EGYPT: The project stretches over an area of approximately 1,091,500 m2, comprising the following: Entertainment & Arts Neighborhood (BUA 134,200 m2); Investment & Commercial Neighborhood (122,200 m2); Cultural Neighborhood (BUA 82,500 m2); Old City Neighborhood (BUA 187,000 m2); Residential Neighborhood (BUA 82,500 m2); Opera House (BUA 93,200 m2); a waterway (BUA 84,000 m2); a tramway track (BUA 23,000 m2); roads & parking spaces (BUA 250,700 m2); and a main entrance (BUA 33,000 m2); as well as a museum, mall, mosque, church, residential studio apartments, cinema complex, city hall, island boutique hotel, and a library.

**Job title** : Mechanical & Industrial Engineer

**Job Description** :

- Design experience for plumbing, fire protection, medical gases, industrial piping & swimming pools systems.
- Preparing of design drawings, bill of quantities and specifications.
- Knowledge of mechanical design standards and codes.
- Verify that all designs, drawings and documents are to current codes and standards and in accordance with ECG policies and standards.
- Undertake special and/or project assignments as required by the Mechanical Department Manager or his responsible Principal Mechanical Engineer, as applicable.
- Organize and supervise the work engineers and draftsmen allocated to him and provide support and/or advice to project teams, as applicable.
- Able to learn, retain and apply various laws and regulatory codes relevant to assigned area of responsibility.
- Able to read and understand technical information.

**Dates** : From Dec. 2020 till May 2022

**Employer** : Smart Engineering Group (SEG), Egypt

**Projects** :

- MIXED USE, QATAR
- IVORY, EGYPT
- RADDIX, EGYPT
- SHK. FAISAL RESIDENTIAL BUILDING, QATAR
- CLOUD 7, EGYPT
- OVERSEAS FACTORY, QATAR
- QPACK FACTORY, QATAR
- KHAZAN MALL 2, EGYPT
- KENZ COMPOUND, EGYPT

**Job title** : Mechanical Engineer

**Job Description** :

- Design and site supervision experience for plumbing, fire protection & swimming pools systems.
- Preparing of design drawings, bill of quantities and specifications.
- Review detailed working shop drawings and material submittals for various projects.

**Dates** : From May 2020 till Jul. 2020  
**Employer** : Capital Construction, Egypt  
**Project** : Al Mansoura 1 (New Capital)  
**Job title** : Mechanical Engineer  
**Job Description** :

- Responsible for all installation works due to project schedule, owner priorities, site conditions and Manpower capabilities.
- Supervise the work performed and inspects the subcontractors works for quality and to ensure that it adheres to the project's specifications and according to the time schedule.
- Ensure project meet agreed specifications, budgets or timescales.
- Check technical designs and shop drawings to ensure that they are followed correctly.