

Holds a B. Sc. in Mechanical Power Engineering and has over 5 years hands-on experience working in construction, design, technical office and HVAC.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Single
Residence : Zaiton, Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Benha University, 2012

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Revit MEP
: AutoCAD 2D
: HAP program for Design Load
: Elite program for Hydraulic calculations
: ASHRAE Duct Fitting Database

TRAINING COURSES AND CERTIFICATIONS

: Revit MEP Course.
: HVAC Basic Course (Heating, Ventilation and Air Conditioning - Central Air Conditioning).
: HVAC Advanced Course.
: Fire Fighting Course.
: Plumbing Course.
: Classic Control Course.
: Trainings at:

- Petrojet Company for Equipments (2011).
- Petrojet Company for Central Workshop (2009 & 2010).
- Sharb El Araby Company for Air Conditioning (TOSHIBA) (2006).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2016 till now
- Employer** : Hamza Engineering Consulting Office
- Projects** :
- Le Hospital – at Fifth Settlement
 - DownTown Complex – at Kingdom Saudi Arabia
 - Head Quarter Building of Hamad Bin Saedan – at Kingdom Saudi Arabia
 - Zada Mall – at Fifth Settlement
 - Fizik Clinic – at New Obour City
 - Q.N.B Bank – at 10th of Ramadan City
 - Vodafone Building – at 10th of Ramadan City
 - International Committee of the Red Cross (I.C.R.C) Building – at Maadi
 - Audi Bank – at Fifth Settlement (First Class Building Classification - Green Building)
 - Residential Compound - 6 October City
 - Business Parking Project
 - Ahly Bank Project
 - Porto October "Grand Haits" Buildings Types
 - Little Roma Restaurant
- Job title** : Technical Office & Design Engineer
- Job Description** :
- Design HVAC systems by HAP program according to (ASHRAE) code.
 - Design VRF system.
 - Design Pressurization and Smoke system.
 - Calculate Estimation Load HVAC by (BIM) Revit.
 - Modify consultant design (HVAC – Fire Fighting – Drainage) for shop drawing from CAD to Revit.
 - Make As Built drawings for (HVAC – Drainage – Fire Fighting – Water Supply – Solar Collectors) Systems by Revit and CAD.
 - Convert the Arch Plans from AutoCAD to Arch modeling building by Revit.
 - Design Fire Fighting systems (Sprinklers, FHC, Combined and Extinguishers) according to (NFPA) code by Revit.
 - Design water supply system and hot water system for buildings.
 - Design Drainage systems (waste, soil and storm) for buildings.
 - Coordinate between all systems and make composite drawings without clashes.
 - Design some electric duties as (Circuit Breakers - Cables - Voltage drop).
 - Preparation of Documents (Bill of Quantity "B.O.Q", Specs and Design criteria).
- Dates** : From Jan. 2015 till Mar. 2016
- Employer** : EMAK Swimming pool Company for Contracting
- Projects** :
- Porto El Sokhna Project in El Ain El Sokhna
 - Hadabt El Galala Project in El Ain El Sokhna
 - Marasy Resort – Emaar in North Coast
 - Salala Resort Project in Oman
 - Private swimming pools
- Job title** : Technical Office, Design & Site Engineer

- Job Description** : Design, installation and maintenance of Aqua parks (Aqua Towers) and swimming pool filtration and Heating equipments.
- Dates** : From Oct. 2012 till Dec. 2014
- Employer** : United Company for Contracting
- Projects** :
 - Jaz Al Cazar Resort in Sharm El-Sheikh
 - Macady Resort in Hurghada
 - International Bowling Center (IBC) in Cairo
- Job title** : Site Engineer
- Job Description** :
 - Installation and maintenance of central air conditioning, Chilled System, Concealed Unit, DX Unit and Split Unit.
 - Dealing with:
 - AHU installation.
 - Check on control circuits problems.
 - Concealed unit installation.
 - Supervision on HAVC ducts (assembly – installation – Insulation and fixation).
 - Chilled system installation.
 - Chilled pipe insulation and fixation.
 - Preparing sub metals and catalogues for consultant certification.
 - Supervision perfectly on HVAC equipment installation.
 - Supervision on air outlets installation.