

Holds a B. Sc. in Mechanical Engineering and has about 32 years hands-on experience working in HVAC design field.

## **PERSONAL DATA**

Nationality : US Citizen  
Birth Date : 09/05/1963  
Gender : Male  
Residence : New York, USA

## **EDUCATION**

: B. Sc. in Mechanical Engineering, Zagazig University, Cairo, Egypt, 1985

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD  
: E2011

## **TRAINING COURSES AND CERTIFICATIONS**

: Certificate of Completion - Systems Analysis and Design, National Center for Information Technology, Egypt.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From 2016 till Mar. 2017  
**Employer** : AECOM – New York, USA  
**Project** : (NYCHA) New York City Housing Authority  
**Job title** : Mechanical Engineer  
**Job Description** : Conducting a building conditions assessment survey, Issue engineering reports about the buildings in New York City, these reports including all the mechanical systems "all system component details, its condition, the deficiencies and the recommendations".

**Dates** : From 2010 till 2015  
**Employer** : Colman Misr (HVAC Construction Company) – Cairo, Egypt  
**Projects** :
 

- Arcadia Mall, Caltex Co. (Petroleum Co.)
- Carrefour (Hurghada)
- Helwan Hospital
- Ramses Subway Station
- Air Force Hospital
- Knights Mall
- Carrefour (Cairo)
- Abu Dhabi Bank (Cairo)
- Carrefour (6 October)
- The United Bank (Cairo)
- EMEC Co. (Mud Engineering and Chemicals Company)

**Job title** : Technical Manager  
**Job Description** : I was a partner in a construction company overseas, it works in the same field (HVAC). I was the responsible about all the technical matters in the company (Analysis, design, estimating cost of projects and site supervision) and management of the work team.

**Dates** : From 2007 till 2009  
**Employer** : MDM Consulting Engineers (CSA Group) – New York, USA  
**Projects** :
 

- Empire State (Basement, 2<sup>nd</sup>, 80<sup>th</sup> & 86<sup>th</sup> Floors)
- Empire State (Renovation of Cooling Towers)
- Brooklyn School
- Alianza Dominicana Cultural Center
- Transitional Services for New York Inc.
- WWE Studio (Connecticut)

**Job title** : Mechanical Engineer  
**Job Description** : Analysis, design, cost estimation of projects and supervision of contracting companies.

**Dates** : From 2006 till 2007  
**Employer** : Parsons Brinckerhoff – New York, USA  
**Project** : Building Condition and Assessment Survey Program (BCAS) for all New York City Schools  
**Job title** : Mechanical Inspector  
**Job Description** : Conducting a building conditions assessment survey, Issue engineering reports about the schools in New York City, these reports including all the mechanical systems "all system component details, its condition, the deficiencies and the recommendations".

**Dates** : 2005  
**Employer** : Fidelity (HVAC Construction Company) – Pennsylvania, USA  
**Project** : Aviation Training Center, Cairo  
**Job title** : A/C Subcontractor

**Dates** : 2004  
**Employer** : Temp Rite (HVAC Construction Company) – New York, USA

- Projects** : • May Rose Restaurant  
• Catholic Medical Centers  
• James Mohn Studio  
• Riely Apt  
• Residence for Greenburger
- Job title** : HVAC Design Engineer
- Job Description** : Design projects, supervised sites and making the engineering drawings.
- Dates** : From 2000 till 2003
- Employer** : Colman Misr (HVAC Construction Company) – Cairo, Egypt
- Projects** : • CIB Bank  
• Nasr Club Sports Hall  
• Ain Shams Univ. Theater  
• Asa Red Sea Resort  
• Movenpick Hotel  
• Kasr Elainy Hospital  
• Flat Glass Factory  
• National Bank  
• Attal Villa  
• Baby Academy (City Star Mall)  
• Talal Villa  
• Eastern Co. for Smoking  
• Egyptian Org. for Vaccine
- Job title** : Technical Manager
- Job Description** : Analysis, design, making the estimating cost of projects and sites supervision (managed 25 engineers and technicians).
- Dates** : From 1993 till 1999
- Employer** : Consulting Engineers (Mechanical Consulting Office) – Giza, Egypt
- Projects** : • Misr American International Bank  
• Mercedes Factory  
• Oberoi Hotel  
• Olympic Swimming Pool  
• Mercedes Service Center  
• Grand Hotel  
• Baron Hotel  
• Ne'ma Gulf Hotel  
• Gamal Diving Center  
• NSGB Bank
- Job title** : HVAC Design Engineer and Technical Supervisor
- Job Description** : Analysis, design, and cost estimation of projects, and supervision of contracting companies.
- Dates** : From 1989 till 1993
- Employer** : Move Air (HVAC Construction Company) – Cairo, Egypt
- Projects** : • Amoun Pharmaceutical Co.  
• Benha Assembly Hall  
• Nono Factory for Textile

- Hilton Hotel
  - American Univ.
  - Novotel Hotel
  - Mobile Oil Center
- Job title** : HVAC Design Engineer and Technical Supervisor
- Job Description** : Analysis, design, cost estimation, projects and sites supervision (managed 15 engineers and technicians).
- Dates** : From 1985 till 1988
- Employer** : El Rayan Co. – Giza, Egypt
- Projects** :
- Rayan Meat Factory
  - Rayan Administration Buildings
  - Rayan Stores
  - Rayan Factories
  - Rayan Refrigerator Trucks
- Job title** : Projects Engineer
- Job Description** : Installation of projects and repairing and maintenance of the existing systems.
- Field of experience** :
- Extensive collaboration with Architects, Civil, Electrical and Interior Design Engineers to design, construct and building survey for commercial, residential and industrial buildings.
  - Accomplished to completion, building conditions assessment survey, engineering drawings, specifications, and bill of materials for hospitals, residential buildings, pharmaceutical companies, assembly halls, hotels, banks, offices, sports halls, factories and laboratories through:
    - Building mechanical inspection.
    - Project analysis and system determination.
    - Cost estimation and evaluation.
    - Cooling load calculation.
    - Equipment selection, sizing, and scheduling with psychometric analysis.
    - Pipe and duct design.
    - Engineering drawing using (AutoCAD 2016).
    - Follow up of sites during installation.