

Holds a B. Sc. in Mechanical Engineering and has about 10 years of extensive experience in MEP field in Egypt & Gulf area in designing HVAC systems for residential, commercial, educational, hospitality and healthcare facilities projects.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/04/1989
Gender : Female
Residence : Cairo

EDUCATION

: B. Sc. in Mechanical Engineering, Benha University, 2012
: Master degree student (Industrial Engineering / Project Management), Helwan University, 2019
: Researcher in project management field at the Industrial Engineering Department, Helwan University, 2022

LANGUAGES

Arabic : Native Language
English : Very Good
German : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Revit
: HAP
: Elite Chvac

TRAINING COURSES AND CERTIFICATIONS

: Training at Egypt Air.
: Training at ABB Arab (City of 10th of Ramadan).
: Training at North Cairo Electric Power Generation Plant.
: Training at TTC "Trainees Training Center" (2009).
: Certificated in AutoCAD.
: Revit MEP certified professional from Autodesk.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2021 till now
Employer : SABBOUR
Job title : HVAC Design Team Leader
Job Description :

- Meet new and existing clients to obtain and discuss their requirements.
- Contact suppliers to prepare technical and feasibility studies for different systems.
- Prepare the BODR that demonstrates the HVAC systems and present it to clients.
- Prepare the WBS and estimate the needed man hours to finalize the HVAC works.
- Coordinate with the PM to finalize the HVAC works as per contract deliverables and planned cost.
- Put the outlines for the concept design of the project and present it to the HVAC team.
- Follow up and support team members during all design stages.
- Review and submit the IFC documents.
- Attend the scheduled meetings with contractors during the tendering stage to reply for their queries.
- Support the site supervision team during construction phase.
- Attend the related conferences and exhibitions to stay up to date with all the market updates.

Dates : From Dec. 2017 till Aug. 2021
Employer : KHATIB & ALAMI
Job title : HVAC Design Engineer (act as a Team Leader)
Job Description :

- Design and size different HVAC systems, prepare and submit the calculation and drawings to obtain the approval from the concerned Municipalities.
- Coordinate with architectural, structural, and electrical teams for building services spaces.
- Work closely with design teams to actively promote the sustainability program and to achieve sustainability objectives in the design, planning and construction process.
- Mode the HVAC systems using both of CAD & Revit.
- Select Chillers, DX-split Units, Air handling Units, PAC (Package Air Conditioners), FCU, split units, Grills, Diffusers, Exhaust fans, etc.
- Participate in VE studies and cost estimates and implement design modifications accordingly.
- Participate in BIM automation sessions to develop modeling solutions using Autodesk Dynamo.

Dates : From Oct. 2015 till Oct. 2017
Employer : HTCO (Integrated consultant engineering firm providing specialized services in electromechanical field)
Job title : HVAC Design Team Leader
Job Description :

- Develop the strategy that the team will use to reach its goal.
- Provide the team with a vision of the project objectives.

- Provide status reporting of team activities against the schedule.
- Familiarize the team with the customer needs, specifications, design targets, design standards, techniques and tools to support task performance.
- Coach and help develop team members.
- Review design of air conditioning systems (chilled - DX - District cooling).
- Reviewing calculations & drawings of ACMV as per QCDD regulations.
- Meet new & existing clients, determining their requirements, and prepare proposals and quotations for them.
- Deliver projects under strict deadlines and within the client's budget.

Dates : From Jan. 2015 till Oct. 2015
Employer : HTCO
Job title : HVAC Design Engineer
Job Description :

- Design air conditioning systems (chilled - DX - District cooling) & prepare BOQs.
- Generate GSAS and Lussail & Pearl Reports for load calculation, ETS room design, and calculations & drawings of ACMV.
- Deliver projects under strict deadlines and within the client's budget.

Dates : From Oct. 2012 till Dec. 2014
Employer : Assaf Consultancy
(Integrated international consultant engineering firm providing specialized services in Planning, Architectural, Electromechanical and Structural fields)
Job title : MEP Engineer
Job Description :

- Design air conditioning networks, firefighting systems and plumbing.
- Develop smart home systems for clients.
- Meet new & existing clients and determining their requirements.
- Deliver projects under strict deadlines and within the client's budget.
- Prepare drawing, proposals and quotations for clients.

Dates : From Jun. 2012 till Sep. 2012 (during education)
Employer : Jelecom
(Independent training network specialized in introducing world class professional technical training programs to engineering students)
Job title : PLC Instructor
Job Description :

- Conduct PLC training and education programs, and demonstrate the use of control equipment.
- Edit and upload course contents on the company website using XML and HTML.

Dates : From 2007 till 2011 (part time) (during education)
Employer : ABB
(Multinational corporation and leader in power and automation technologies that enable utility and industry customers to improve performance while lowering environmental impact)
Job title : OHS Specialist

- Job Description** :
- Conduct safety training and education programs, and demonstrate the use of safety equipment.
 - Inspect and evaluate workplace environments, equipment, and practices, in order to ensure compliance with safety standards and government regulations.
 - Develop and maintain medical monitoring programs for employees.
 - Coordinate "right-to-know" programs regarding hazardous chemicals and other substances.