

Holds a B. Sc. in Mechanical Power Engineering and has over 8 years experience working in construction, technical office and piping.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 29/08/1992  
Gender : Male  
Marital Status : Single  
Residence : Nasr City, Cairo

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Ain Shams University, 2014

## **LANGUAGES**

Arabic : Native Language  
English : Excellent

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel), Internet  
: AutoCAD and Autodesk Inventor  
: Excel VBA programming  
: Access VB  
: Power BI  
: Python programming language

## **TRAINING COURSES AND CERTIFICATIONS**

: CSWIP 3.1 Level-II Certificate Welding Inspector no 780085, TWI Certification Ltd, UK.  
: ASME Section VIII Division 1 Design and Fabrication for Pressure Vessels (from AUC).

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Mar. 2023 till now  
**Employer** : Technip Energies  
**Project** : MIDOR Refinery Expansion Project (Egypt)  
**Job title** : Construction Data Analyst

**Job Description** : 

- Develop advanced Power BI Reports for different construction disciplines.
- Develop and Create KPIs for critical construction activities by utilizing the available progress and inspection databases.
- Visualize the concurrent project status and develop a forecast based on the project trends.
- Visualize the project status on the 3D Model.

**Dates** : From Sep. 2021 till Mar. 2023

**Employer** : Technip Energies

**Project** : MIDOR Refinery Expansion Project (Egypt)

**Job title** : Piping Engineer

**Job Description** : 

- Prepare test package according to test circuit provided by Client.
- Review of all piping test packages.
- Assigning Test Pack numbering.
- Confirm test pressure and medium is correct according to the line list and flushing method is correct.
- Confirm filling points, venting points, and drains are acceptable.
- Confirm test boundaries are reasonable - evaluate exclusion zones.
- Confirm valves, instruments, etc. that need to be removed are identified.
- Provide progress analysis reports using Power BI.
- Follow up the closure of Punch items.

**Dates** : From Dec. 2018 till Jul. 2021

**Employer** : Bechtel

**Project** : WND Gas Plant Project, Egypt

**Job title** : Piping Field Engineer

**Job Description** : 

- Provide engineering assistance to subcontractors.
- Verify materials, materials testing and installation.
- Provide technical assistance on valves repairs, overhauling and testing.
- Perform constructability reviews on proposed construction activities.
- Develop procedures for flange refacing (Raised Face, RTJ), and supervise the repairs.
- Inspection of pipe cleanliness.
- Completing final system walk-downs.
- Completing and reviewing as-built documentation.
- Ensuring all installations are per latest revisions of design drawings, specifications, standards and codes.

**Dates** : From Dec. 2016 till Jul. 2018

**Employer** : GS E&C

**Project** : ERC Refinery Plant Project in Mostorod, Egypt

**Job title** : Piping Technical Office Engineer

**Job Description** : 

- Prepare piping isometric drawings for site erection.
- Prepare and review different doc. necessary for piping works (P&ID, General Arrangement, supports).
- Assist different departments (QC, Construction...) in solving technical issues and provide them with necessary data.

- Create bill of material for piping supports and accessories.

**Dates** : From Mar. 2016 till Dec. 2016  
**Employer** : ELSEWEDY PSP  
**Project** : Beni Suef 4800MW Combined Cycle Power Plant  
**Job title** : Mechanical Construction Coordinator  
**Job Description** :

- Assist management in coordinating between different departments and subcontractors.
- Organize meetings, prepare meetings topics and record minutes.
- Prepare actual progress reports to top management.
- Compare site progress to the planed schedule and assist in preparing mitigation plans.

**Dates** : From Dec. 2014 till Mar. 2016  
**Employer** : JICON INTERNATIONAL  
**Project** : ERC Refinery Plant Project in Mostorod, Egypt  
**Job title** : Piping Technical Office Engineer  
**Job Description** :

- Prepare piping shop drawings and issue them for fabrication.
- Prepare bill of material and material requests.
- Make as built drawings.
- Give instruction on how modifications should be carried out.