

**100590-MEC-89CDE-E-2014**  
**Mechanical System Design Engineer III**

Holds a B. Sc. in Mechanical Production & Design Engineering and has over 6 years hands-on experience working in Mechanical design, supply chain, project management and production.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 23/01/1992  
Gender : Male  
Marital Status : Married  
Residence : Helwan, Cairo

## EDUCATION

: B. Sc. in Mechanical Production & Design Engineering, Helwan University, 2014

## LANGUAGES

Arabic : Native Language  
English : Fluent

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD  
: Solid Works  
: CET Designer  
: SAP  
: 3D Printer  
: CNC Machines  
: RISA

## TRAINING COURSES AND CERTIFICATIONS

: Revit MEP  
: AutoCAD 2D  
: 3D printing.  
: Solid Works  
: Trainings at Khalda Petroleum Service:

- El-Salam field (Sep. 2012 and Sep. 2013).
- Tarek field (Sep. 2011).

- : Trainings at Rasheed Petroleum Services, Rosatta and Brolos fields (Jul. 2012 and Aug. 2013).
- : Training at Petrobel Petroleum Services, Abo Rdeas field (Aug. 2012).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jun. 2018 till now

**Employer** : Advansys-ESC (Dematic partner), Cairo - EGY Office & MKE, WI – USA

**Projects** : Projects include but not limited to clients such as:

- Amazon SAN3, San Diego
- Amazon MEM4, Memphis, TN
- Amazon BDL3, North heaven
- Amazon CLT4, Charlotte

**Job title** : Mechanical System Design Engineer III

**Job Description** :

- Mechanical system design.
- Create accurate Mechanical Bill of Material for the projects (BOM).
- Air systems design.
- User Acceptance Testing for Configura CEM Pre-release for Dematic.
- Header steel structure design for Amazon projects (BDL3, SAN3 and CLT4).

**Dates** : From Jan. 2017 till Jun. 2018

**Employer** : Advansys-ESC (Dematic partner)

**Projects** :

- Amazon CLT4, Charlotte, NC, USA
- Amazon PHX3, Phoenix, AZ, USA

**Job title** : Commissioning Engineer

**Job Description** :

- Manage smooth commissioning of the project by coordinating between the company and the Contractor.
- Supervise and approve commissioning plans in accordance with project.
- Prepare and maintain commission records of site observations testing processes and checklists.
- Identifying problems and shortcomings with existing systems.
- Ensuring the safe testing and commissioning of completed installations.
- Achieve the necessary plant performance in accordance with project program requirements.

**Dates** : From Nov. 2015 till Jan. 2017

**Employer** : Advansys-ESC (Dematic partner), Cairo - EGY Office & Grand Rapids, MI – USA

**Projects** :

- ASCENA, NY
- Amazon PDX3, Phoenix, AZ
- Amazon FAT1, PA

**Job title** : Mechanical System Design Engineer II

**Job Description** :

- Mechanical system design.
- Create accurate Mechanical Bill of Material for the projects (BOM).
- Cost reduction and improvement in customer satisfaction.
- Perform technical trainings for mechanical dept. batch 10 and 11.
- Work according to international engineering standards.

**Dates** : From Nov. 2014 till Nov. 2015  
**Employer** : Tawfic and Associates Office  
**Project** : Crystal Lagoon, Sharm El-Sheikh  
**Job title** : Mechanical Supervisor Engineer  
**Job Description** :

- Water well drilling.
- Wells Casing.
- Development and Cleaning wells.
- Connections and testing the piping system.

**Dates** : From Feb. 2014 till Jun. 2014  
**Employer** : Smart Power Company (part time)  
**Job title** : Tender Manager Assistant  
**Job Description** : Creating and Submitting Bill of Quantities.