



## **Mohamed elsayed ebrahim mohamed** **Mechanical engineer**

**Mobile:** 0551677302 | Ajman - UAE

**Mail:** [mohamedelezawy1210@gmail.com](mailto:mohamedelezawy1210@gmail.com) **Age:** 25 Years

An experienced fresh graduate engineer with a demonstrated history of working in the mechanical and industrial engineering and Excellent knowledge design and analysis of commercial building HVAC systems and Professional Software user.

Skilled in HAP, AutoCAD, Solid works (CSWE), Ansys, Inventor, Autodesk Fusion and Keyshot and MS office.

Have good experience in Administration, Sales and Lean Six Sigma and Communication, Presentation Skills.

### **Education**

#### **Bachelor of Mechanical Power Engineering | Zagazig University**

*Graduation year 2021*

- **Grade:** 6.3 /10.
- **Graduation Project: design HVAC system for hospital | Grade:** Excellent
- My role in this project was loads calculation.
- Used HAP to calculate loads in project.

### **Work Experience**

#### **Technical office engineer | AME (Arab Mechanical Engineer )**

*September 2021 to September2022*

- *Shop drawings prior to submittal for Individual Mechanical HVAC services.*
- *Load calculation by using HAP.*
- *Follow up the site and solving problems.*
- *Refrigeration and cooling systems.*
- *Equipment selection (VRF SYSTEM, AIR HANDLING UNIT, PRIMARY AIR AND RESIDENTAL)*
- *Analysis results and search for improvement.*

#### **Technical Office (Mechanical Design) | A1 Construction**

*sep 2020 – august 2021*

- Worked using CAD Software's Solidworks and Autocad at projects:
  - Adly Mansour Metro Station (Rain Gatters).
  - Parking at Zed Mall (wheel Stopper).
  - Gates at New Administrative Capital.

#### **Maintance Engineer | CG Swing Machines Factory**

*Nov 2019 – April 2020*

## **Solidworks Instructor | Creative Group , Senior Group**

*May 2018 till Now*

## **AutoCAD Instructor | Creative Group , Senior Group**

*May 2018 till Now*

## **Freelance Mechanical Design | Americana Group (Koki)**

### **CERTIFICATES**

- Certified SolidWorks Associate Mechanical Design (CSWA)
- Certified SolidWorks Professional Mechanical Design (Part , Assembly , Editing and Config) (CSWP)
- Certified SolidWorks Advanced Professional Sheetmetal (CSWPA-SH)
- Certified Autocad Professional User
- Certified Lean Six Sigma White Belt from C.S.S.C
- Certified Lean Six Sigma Yellow Belt from C.S.S.C
- Certified ICDL Professional

### **COURSES AND Field Training**

- Trainee at Egypt Air for Air Gas Turbine (1 Month).
- Trainee at Ashry Plastic Company (3 Weeks).
- Autodesk inventor courses from zero to professional - SolidProfessor & Udemy & Coursera.
- Introduction to Engineering Simulations using Ansys – CFD Ansys fluent – Udemy
- Lean Six Sigma Green Belt ( IN Progress)

### **Software Skills**

- Solidworks- AutoCAD - ANSYS
- Autodesk Inventor- Revit- Fusion
- CATIA V5- MS Office (Word-Excel-Powerpoint-Outlook)
- Render on Keyshot and SW Visualize
- Adobe illustrator- Adobe Photoshop

### **Personal Skills**

- Ability to work effectively both independently and as part of a team.
- Strong negotiation and problem-solving skills
- Excellent communication, interpersonal, and negotiation skill
- Time Management
- Communication Skills
- Presentation Skills
- Self- Learning Skills

### **Languages:**

- Arabic – Native or bilingual proficiency
- English – Fluent
- French : Basic
- German : A1