

CV

Engineer with Talented Vision



AHMED REFAT ABDALMONEM ABDALLATIF

Mechanical Engineer 5 year Experience

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Experience

- **Experienced MEP Mechanical Engineer**

Style Design.co MEP.

Since 02/2023

As a Senior MEP Mechanic and Engineer at Style Design.co MEP, I am responsible for the comprehensive design, implementation, and maintenance of HVAC refrigeration systems (VRV, VRF, Dx Split), FireFighting, Plumbing, Compressed Air, Manhole chamber, Water supply, potable water, and Interior. My focus lies in logistic buildings and hospitals within the Mechanical Department.

- **Project Manager Mechanical Department**

CSCEC, MEP Department of Media Factories.

06/2022 - 02/2023

As a Contracting Project Manager, I led projects for the MEP Department of Media Factories at CSCEC. This involved supervising (HVAC, FF, Pl, Compressed Air, Manhole, WS, WP) infrastructure, and Workshop. The project, worth USD 1.5 billion, was completed within a shortened six-month timeframe, exceeding expectations and following the Great Framework.

- **Site Mechanical Engineer**

Fast Contracting (Yathrib) - FCO (MEP Installation),

06/2021 - 05/2022

During my tenure at Fast Contracting, I worked on-site, contributing to various systems, including HVAC, FF, Pl, Medical Gases, Manhole, WS, WP, and infrastructure. This engagement involved collaboration with the in-house mechanical engineering department, and the total project value amounted to \$3,500,000.

- **Mechanical Engineer**

Mia Company.

05/2020 - 06/2021

As a Mechanical Engineer at Mia Company, specializing in Manufacturing and Supplying Equipment, I designed a production line for clients such as Ghabbour Paint Lines and Galala Marble Factory. My innovative design for an active production line resulted in securing additional projects, substantial profit increases, and overall cost savings of up to \$2,000,000.

- **Maintenance Engineer**

Ramida Pharmaceuticals Company.

05/2017 - 04/2020

In the capacity of an Engineer at Ramida Pharmaceuticals Company, I took charge of Maintenance and Air Conditioning, handling HVAC systems (Chiller System VRV, VRF, Dx Split), FF, Pl, Air Source, Sewer Vent, WS, WP, and Production Line Equipment. Notably, I successfully extracted sugars from roasted pharmaceutical drugs using high-speed bubble flotation, overcoming challenges in the coating machine.

This professional journey reflects my commitment to excellence, innovation, and achieving exceptional outcomes in diverse engineering roles.

Education

Certificate of Competency (COC) in BASIC Marine Engineering and Basic TANKER Formalization

Arab Academy for Science, Technology & Maritime Transport (AASTMT)
2021

Bachelor of Science in Mechanical Engineering

Mechanical Power Engineering Department
SHI Institute Of Engineering And Technology
2018

Summary

- Ability to thrive under pressure.
- Understanding of manufacturing principles.
- Quick grasp of modern technology.
- Skill in prioritizing multiple projects.
- Enthusiastic, cooperative, and positive attitude.
- Creative.

Programs

HAP (Hourly Analysis Program) Carrier - Autocade 2D,3D Autodesk - Duct Sizer Calculation

Solidworks - Rivit Autodesk - BIM - Protous – Arduino – CFD.

Training courses

- **2021 STCW 2010 Mandatory Courses (valid until 2026)**
 - Medical First Aid.
 - Security Awareness Training.
 - Personal Survival Techniques.
 - Personal Safety and Social Responsibilities
 - Fire Prevention and Fire Fighting.
 - Basic Training for Oil and Chemical Tanker Cargo OperationsArab Academy for Science, Technology & Maritime Transport (AASTMT)
- **2017 Logistics airport (Cairo airport company)**
- **2015 Hydraulics course (General hydraulic . Co**
- **2015 HVAC (House Of Engineer)**
- **2014 Automotive (Cairo University “K-VECTOR”)**
- **2014 Arduino micro control (Egyptian Engineers Syndicate “Pronto”)**
- **2010 ICDL Cert & Microsoft office (Excel, word.... etc.)**

My Responsibility

Design and Implementation of HVAC-Firefighting-Plumbing Systems for Interior and Infrastructure, Shop Drawing and Implementation Supervision, Maintenance for Utility and Facility Buildings, and Production Lines, Material Management and Quality Control, Packaging and Delivery Oversight

This comprehensive skill set reflects my commitment to excellence throughout the project lifecycle – from initial design to final delivery. My approach emphasizes precision, quality assurance, and adherence to industry best practices.

“All References are available upon request”.