# Ahmed

# **Email**: ahmed.377982@2freemail.com

# Bottom of Form

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# Date of birth: September 15th, 1992

# Nationality: Egyptian

# Military Status: ExemptedMarital Status: Single

# **Professional Summary**

A competent and proactive mechanical engineer with 3 years of **GCC and Egyptian experience** in design and site supervision. Ahmed is familiar with **ASHRAE, SMACNA, NFPA & Plumbing codes.** He has **sufficient construction-related knowledge of HVAC, Firefighting, Plumbing** **& BIM**. He is looking forward to working with other professionals to gain further experience in the MEP field.

## **Education**

**Bachelor of Science (BSc.), Mechanical Engineering**, **2014**Higher Technological Institute - 10th of Ramadan City [HTI], Egypt (UAE-Accredited)

# **Professional Experience**

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| **Mechanical Engineer, ELECTRO MECHANICAL ENGINEERING TECHNICAL OFFICE “EMETO”** | [04.2017 –12.2017] |
| Providing mechanical (HVAC, Firefighting and Plumbing) technical office services on a variety of building projects. | Role |
| * Preparing Design Drawings of HVAC, Plumbing, Fire-Protection systems.
* Preparing Shop drawings for all systems including HVAC, Firefighting, Plumbing and Drainage
* Preparing Details Drawings for all above-mentioned trades.
* Preparing Bill of Quantities for all previously mentioned systems.
* Attending Technical Meetings with Project Owners and Contractors.
 | Duties & Responsibilities |
| * KAP2B (Saudi Arabia), **multi-purpose buildings**, (HVAC, Firefighting, Shop drawing and BOQ)
* Al Mansoura 2, New Egyptian Capital, (HVAC and firefighting systems design and shop drawing) (**2P+G+M+4**)
* HPACK Group , (Design and rehabilitation of Firefighting systems of 2 Paper mills)
* Alexandria Aircraft hangar, (Foam and sprinkler firefighting systems design, shop drawing and BOQ)
 | Projects |
| **Mechanical Site Supervision Engineer, Focus Design Partners, (Qatar)** | [03.2016 –03.2017] |
| Responsible for verification and witnessing of all mechanical works in accordance with established procedures and regulations at different stages of the project execution. | Role |
| * Reviewing submittal documents as directed by the Sr. Mechanical Engineer.
* Monitoring the mechanical works for conformance with the contract and the progress.
* Assisting with the final inspection of mechanical work according to mechanical national and international references and codes of practice such as **(NFPA, ASHRAE & SMACNA)**
* Performing other responsibilities associated with this position as may be appropriate.
 | Duties & Responsibilities |
| High-rise building with 27 floors including four parking levels, mezzanine and amenity levels. It is in Pearl city, Qatar under United development corporation (UDC). | Project |
| The Land Investment Group | Owner |
| HARINSA contracting company-ecisa international holding group | Prime Contractor |
| **Faithful+Gould & Focus Design Partners Venture** | Consultant |
| **Mechanical Design Engineer, Lusail Consultants, (Qatar)** | [03.2015 –02.2016] |
| Providing mechanical (HVAC, Firefighting and Plumbing) design services on a variety of building projects with an emphasis on multipurpose and high-rise buildings | Role |
| * Technical design (HVAC, Firefighting & Plumbing) of assigned projects
* Assisting in the production of construction documents (drawings and specifications) for new buildings, and for renovations and additions to existing facilities
 | Duties & Responsibilities |
| * Al Qamra Office Complex, Moguilinah, Qatar
* HH Sheik Mohamed Bin Khalifa Al Thani Office, Doha, Qatar
 | Projects |

# **Technical Skills**

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| --- | --- |
| * AutoCAD 2D
* Microsoft Office
* Ductulator
 | * Revit MEP
* Carrier’s HAP
* Elite Fire
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# **Language Skills**

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| --- | --- |
| * Arabic: Native language
 | * English: Full Professional Proficiency
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# **Courses and Certifications**

* MEP Diploma (HVAC, Firefighting, Plumbing), International Engineering Group
* Revit MEP, Muttaheda Training Center (MTC), AUTODESK authorized training center
* AutoCAD 2D, American Society of Mechanical Engineers- HTI Student Section
* HVAC and characteristics of air, Schneider online university

# **Internship Experience**

## **[06.2014 – 07.2014] EMA Hydraulic Co. (Kawasaki Egypt)**

* Hydraulic pumps maintenance and testing of hydraulic motors, valves and cylinders

## **[08.2013 – 09.2013 & 07.2011 – 08.2011] Schlumberger Oilfield Service Co.**

* Wireline Segment & Well testing and Artificial lift

## **[06.2013 – 08.2013 & 05.2011 – 08.2011] Egyptian International Pharmaceutical Industries Co. (EIPICO).**

* Focus on Heating, Ventilation & Air conditioning (HVAC)
* Maintenance of various PLC-programmed machines

## **[06.2012 – 08.2012] East Delta Transportation & Tourism co.**

* Maintenance of Buses and Overhaul of Diesel engines

# **Workshops & Training**

* Participated in the **Effective Communication Techniques** Workshop by Tahrir Lounge, **Gothe Institute**
* Participated in the **Team building** workshop at the **U.S. embassy in Cairo**
* Participated in the [**German Academic Exchange Service**](https://www.google.com.eg/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&cad=rja&uact=8&ved=0CCgQFjAB&url=https%3A%2F%2Fwww.daad.de%2Fen%2F&ei=fjEcVJfRFcjhywPHy4E4&usg=AFQjCNH9jNRXW06_KOxMsJt_71VME3n0qA&sig2=gNmtYObWomCgFMggKim2qg)(DAAD), "Self-Management" Module
* Participated in the [**German Academic Exchange Service**](https://www.google.com.eg/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&cad=rja&uact=8&ved=0CCgQFjAB&url=https%3A%2F%2Fwww.daad.de%2Fen%2F&ei=fjEcVJfRFcjhywPHy4E4&usg=AFQjCNH9jNRXW06_KOxMsJt_71VME3n0qA&sig2=gNmtYObWomCgFMggKim2qg)(DAAD), "Communication & rhetorical techniques" Module
* Participated in the **career development program** by at the **U.S. embassy in Cairo**
* Participated in the "Small-Scale thermal solar district units for Mediterranean communities" (STS-Med) project
* Participated in the **business planning for entrepreneurs** workshop at the **U.S. embassy in Cairo**
* Participated in the [**German Academic Exchange Service**](https://www.google.com.eg/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&cad=rja&uact=8&ved=0CCgQFjAB&url=https%3A%2F%2Fwww.daad.de%2Fen%2F&ei=fjEcVJfRFcjhywPHy4E4&usg=AFQjCNH9jNRXW06_KOxMsJt_71VME3n0qA&sig2=gNmtYObWomCgFMggKim2qg)(DAAD), "Self-Marketing" Module
* Participated in **SHELL** "Intilaaqah". A part of Shell "LiveWire" International Social Investment Program

# **Extracurricular Activities**

* **Co-founder** and previous treasurer of ASME-HTI student section
* Participated in the 2014 & 2013, **ASME-Egypt** Student professional Development Conference (SPDC)
* Leader of team "Zeus" that participated in the Obstacle avoidance competition at the (BUE) held by **IEEE-RAS**
* Won 3rd Place, best pilot and best poster as a member of team "Sailfish" in the 2014, Remotely Operated Vehicles (ROV) Egyptian national competition held by Marine Advanced Technology Center (MATE)

# **Memberships**

* The American Society of Mechanical Engineers “ASME” , (2012-Present)
* The Egyptian Syndicate of Engineers, (2014-Present)

# **References**

* Available upon request