

Mohammed Salah El-Din Khattab Omar

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Professional Summary

Versatile Senior Mechanical Site Engineer with over 15 years of experience in MEP construction across Saudi Arabia, Qatar, Egypt, and Zambia. Specialized in HVAC systems (Chilled Water, DX, VRV), Fire Protection, and Plumbing systems. Proven track record in delivering large-scale projects, managing multidisciplinary teams, and ensuring compliance with international standards. Strong expertise in project execution, coordination, and testing & commissioning.

Professional Experience

Senior Mechanical Site Engineer

BEC Arabia Co. | Saudi Arabia | March 2022 – Present

Key Responsibilities:

- Managed Mechanical project execution for mega projects exceeding 1B SAR ensuring timely delivery within budget.
- Leading Multidisciplinary Mechanical teams to facilitate the integration of mechanical solutions into overall project.
- Ensured compliance with project specifications, QA/QC standards, and safety regulations
- Led installation of HVAC, Fire Fighting, Plumbing, All Mechanical Utilities networks, Fuel systems & Elevators at **KAP5 Projects (1.2 B SAR) & AL-Bustan Business Park (487 Million SAR)**.
- Supervised MEP WORKS of VRV System from [Japan's Daikin company](#), Fire Fighting, Plumbing, All Mechanical Utilities networks, Fuel systems & Elevators at **THARABA Medical Center(120 Million SAR)**.
- Coordinated with civil and electrical teams to ensure seamless project integration. –

Senior Mechanical Site Engineer

Bin-DUBAIS Contracting Co. | Saudi Arabia | September 2018 – February 2022

Handled Projects:

- 1- **Civil Defense Directorate Building & the Administrator of the Holy Capital & the Hajj Command Project.** (348 million SAR).
- 2- **RUBA Makkah Hotel** (250 Million SAR).

Key Responsibilities:

- Supervised HVAC, (Chilled & DX), Fire Fighting, Plumbing systems, All Mechanical Utilities networks, Fuel system & Elevators installations for major projects.

- Managed site teams and subcontractors to achieve project milestones.
- Ensured adherence to safety standards and quality requirements.

Senior Mechanical Site Engineer

Al-EMAM for Engineering & Projects Co. | Egypt | October 2017 – September 2018

Handled Projects

1- EL-KAYAN 110 Military Project (278 Million EGP).

Key Responsibilities:

- Managed, installation & coordination of HVAC (Chilled & DX), firefighting, and plumbing systems including pumps mechanical infrastructure of the district cooling station project.

Mechanical Site Engineer

Blueprint Trading & Contracting Co. | Qatar | November 2016 – October 2017

Handled Projects:

- 1- Retail shops at Doha Festival City (104 million QAR).**
- 2- SH/ABD-ELLATIF Palace (40 Million QAR).**

Key Responsibilities:

- Installed of DX- (HVAC system) AT **SH/ABD-ELLATIF Palace.**
- Installed of Plumbing system including pumps and utilities at **S/ABD-ELLATIF Palace.**
- Executed of HVAC system (FCUs & AHUs) & Firefighting system For Retails Shops (Pottery Barn, Victoria Secret &elc) & Paul café at **DOHA Festival City.**
- Coordinated MEP activities at the Retails shop

MEP Site Engineer

Al-EMAM for Engineering & Projects Co. | Egypt & Zambia | Jul 2012 – October 2016

Handled Projects:

- 1- Egyptian Embassy in Zambia (20 million USD).**
- 2- HSI office Building (5 million EGP).**
- 3- El-NARGES Club & Hotel for Armed Forces Engineering Authority (90 million EGP).**
- 4- LAKE VIEW Hotel (256 million EGP).**
- 5- Egyptian Drilling Company (1 million EGP).**
- 6- EMC² Company (0.8 million EGP).**

Key Responsibilities:

- Installed of Low Current Systems ((Fire Alarms & Sound System & Telephone System & Data network System & Security Cameras System & MATV System)) at **Egyptian Embassy in Zambia**
- Supervised installation of HVAC, plumbing, and firefighting systems.at **Egyptian Embassy in Zambia**

- Executed of VRV System from [Japan's Daikin company](#) at **HSI office building**
 - Supervised installation of HVAC (VRV& Chilled), Fire Fighting & Plumbing systems across multiple projects, hotels, office buildings, and industrial facilities Company.
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Core Skills

- MEP Coordination
 - HVAC Systems (Chilled Water, DX, VRV)
 - Fire Fighting & Fire Protection Systems
 - Plumbing & Drainage Systems
 - Project Management & Scheduling
 - Cost Control & Budget Management
 - QA/QC & HSE Compliance
 - Testing & Commissioning
 - Shop Drawings Reviewing & BOQ
 - Team Leadership & Supervision
 - Confident and timely decisions.
 - Ability to set clear goals and align team efforts with organizational objectives.
 - Clear, concise, and motivational communication with team members and stakeholders.
 - Handling disputes diplomatically and maintaining team harmony.
 - Coaching and developing team members for growth.
 - Taking ownership of outcomes and fostering responsibility within the team.
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Education

Bachelor of Mechanical Engineering

Institute of Aviation Engineering and Technology (EAA) – 2010

Grade: Excellent with Honor

Languages

- Arabic: Native
 - English: Very Good
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Personal Information

- Nationality: Egyptian
- Date of Birth: 19 February 1989