

ISLAM MOHAMED SHATLA

Professional certified Mechanical engineer from SCE-
Senior Mechanical Engineer Consultant for Jeddah
Oceanarium || Mechanical Engineering and
Management (Business strategy certified from
University of Illinois USA) PMP & PMO-CP.



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Date of Birth: 4th October 1987

Nationality: Egyptian

Marital Status: married with 3 kids.

Address: Safa Dist. – Jeddah – KSA.

PROFILE

Steering innovative mechanical solutions at Jeddah Central Oceanarium, my role as a Senior Mechanical Engineer centers on overseeing HVAC, plumbing, and fire protection systems to ensure compliance with Saudi Building Codes. Adept in coordinating multi-disciplinary teams, my recent experience includes ensuring seamless integration of mechanical designs with architectural and structural plans, culminating in successful project outcomes.

The organization benefits from my rigorous review and approval of mechanical calculations and documentation, technical guidance during design and installation, and meticulous site inspections. With a robust background in mechanical engineering and project management, I excel in optimizing operational efficiencies and driving projects to completion, always with a steadfast commitment to quality and sustainability.

EDUCATION

Bachelor's Degree Mechanical Engineering (Mansoura university)

2004 - 2009

EXPERIENCE

Senior Mechanical consultant Engineer – Osama Al Azzouni
engineering consulting

DEC 2024 – present

- Led mechanical Engineering consulting team for HVAC, plumbing, and fire protection systems at Jeddah Central Oceanarium and Coral Farm (1.9 billion SAR project).
- Collaborated with khatib and Alami and Jeddah central company in reviewing mechanical shop drawings, calculations, technical queries and all related technical submittals.
- Giving guidance to Mbl team in preparing shop drawings and all technical submittals (HVAC, plumbing and fire fighting) till getting approval from JCD.

Senior Mechanical Engineer (Team leader) - Zamil projects (Large scale projects) - Jeddah

DEC 2021 – Aug2024

-(Sep 2023 – Aug 2024)I worked as a Senior Mechanical Engineer in the Technical Office at ALHARAM extension Shamiyah project service buildings, which is an MEP project with a cost of 2.3 billion SAR. In my role, I led the Material Engineering team in selecting, studying, submitting, and approving materials from DAR consultant. Additionally, I was responsible for submitting technical calculations for mechanical equipment (HVAC and Plumbing) and supporting our BIM team and construction team in equipment coordination to ensure proper installation location.

- (Dec 2021 – Sep 2023) I worked as a Senior Mechanical Engineer in the Technical Office for the Four Seasons Hotel Jeddah construction project, which was an MEP project costing 290 million SAR. The project consisted of 4 towers, each with 30 floors. My responsibilities included managing and guiding the mechanical engineering team to create, submit, and approve coordinated Revit models and mechanical services shop drawings. I also oversaw the selection, study, submission, and approval of materials from the consultant, Khatib & Allami – WME & Bouruj consultant. Additionally, I was responsible for submitting technical calculations for mechanical equipment (HVAC and Plumbing) and providing guidance to the site team during the execution stage of the project.

Mechanical projects manager – Zamil Coolcare - Jeddah

Jan 2017- Dec 2021

I have experience working as a mechanical project manager for MOH hospitals rehabilitation in the western region, overseeing a project that cost 45 million SAR. My responsibilities included managing all project activities starting from sales phase plus arranging design drawings, conducting engineering calculations, estimating costs, creating BOQs, approving technical submittals, submitting proposals, overseeing site execution, and tracking payments from clients. I have also worked on MEP projects with various governmental and private authorities in the western region, including the Ministry of Defense, Ministry of Health, Petro Rabigh, SCECO, ARAMCO, and many factories in the Jeddah industrial area. Our projects focused on rehabilitating, replacing, and upgrading HVAC systems, including Chillers, AHUs, PKG units, Central split units, Fans, Dehumidifiers, Heaters, and Precision cooling units.

Mechanical Engineer - DEVOLPMENT WORKS COMPANY Ltd - Jeddah.

Feb 2015 – Dec 2016

I have experience working as a technical office mechanical engineer and site construction engineer, and I was approved for this position on the Jeddah schools project by Khatib & Alami. The project has a net value of 250 million SAR and consists of 8 school complexes. The activities were supervised by KHATIB & ALAMI, owned by TBC and managed by AECOM. In my role, I was responsible for MEP design verification, material technical submittals, shop drawings, obtaining approval from the consultant (Khatib & Alami), and overseeing installations on site.

Mechanical Engineer - Al Raem contracting CO - Khobar.

Dec 2013 – Jan 2015

I have established the mechanical department in the company and was responsible for designing, installing, supervising, and pricing HVAC works for hotels, residential buildings, and government buildings. I was also in charge of overseeing the installation and supervision of plumbing and firefighting works.

Mechanical Engineer - Royal air force, king Abdullah Air Base in Jeddah

Nov 2011 – Jul 2013

I was a technical support for Military Management, responsible for maintenance, operation, and supervision of new HVAC projects at King Abdullah Air Base. This included chilled water, package, split, and special air conditioning applications, as well as plumbing and firefighting systems.

I was responsible for design verification, studying HVAC projects, preparing shop drawings, recalculating air conditioning loads and pressure drops for air ducts, selecting suitable units for projects, preparing bill of quantities from tender drawings as instructed, calculating total project costs, and preparing technical data sheets for unit approval. Recent projects included the Open-Air Mall Madinaty Mosque, Southern Section Mosque Madinaty, Northern Section Mosque Madinaty, and Municipal Building Madinaty.

LANGUAGES:

- Arabic is the native language.
 - Excellent command of both written and spoken English.
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SKILLS

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| <input type="checkbox"/> Design Leadership | <input type="checkbox"/> Technical expertise | <input type="checkbox"/> Report Writing |
| <input type="checkbox"/> Communication | <input type="checkbox"/> Problem-solving | <input type="checkbox"/> technical office |
| <input type="checkbox"/> Equipment Selection | <input type="checkbox"/> Specifications | <input type="checkbox"/> Attention to detail |
| <input type="checkbox"/> Design Analysis | <input type="checkbox"/> Engineering Drawings | <input type="checkbox"/> ASHRAE |
| <input type="checkbox"/> SMACNA | <input type="checkbox"/> Project management | <input type="checkbox"/> Mechanical Engineering |
| <input type="checkbox"/> Teamwork | <input type="checkbox"/> Public Speaking | <input type="checkbox"/> Problem Analysis |
| <input type="checkbox"/> Skill Development | <input type="checkbox"/> Engineering, Procurement, and | <input type="checkbox"/> Defining Requirements |
| <input type="checkbox"/> Critical Thinking | <input type="checkbox"/> Construction (EPC) | <input type="checkbox"/> Calculations |
| <input type="checkbox"/> Microsoft Office | <input type="checkbox"/> Building Codes | <input type="checkbox"/> Revit |
| <input type="checkbox"/> Carrier HAP | <input type="checkbox"/> HVAC, Plumbing, Firefighting | <input type="checkbox"/> AutoCAD |
| <input type="checkbox"/> Change Orders | <input type="checkbox"/> Multitasking | <input type="checkbox"/> Adaptation |
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COURSES & TRAININGS:

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| • PMO-CP from UDEMY. | Jan 2025 |
| • REVIT MEP Modeling course. | Sep 2024 |
| • Business strategy course (This course is part of the MBA offered by the University of Illinois USA).
https://www.coursera.org/account/accomplishments/verify/GSY95KEXMKGY | Jan 2019 |
| • PMP (project management professional) course. | Mar 2021 |
| • AutoCAD (2D & 3D) Course. | Oct 2011 |
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GRADUATION PROJECT

A REDSIGN OF AIR CONDITIONING OF RAMADA HOTLE - MANSOURA
As graduation project with grade "EXCELLENT"

INTERESTS

- Reading
- football
- Play Station.
- Chess