



Ayman Said

Senior Mechanical Engineer

I don't just design mechanical systems, I build environments where people **live safely, breathe easily, and feel comfortable**.

For over **13** years, I've been the engineer behind the scenes ensuring that ;

- **HVAC** systems deliver perfect balance
- **Firefighting** networks respond flawlessly under pressure
- **plumbing** systems run like precision machinery.

Cross many of complex different types of projects,

I turn **engineering standards** into real-world performance.

I work with tools like **Revit MEP** and **AutoCAD** daily - but my greatest tool is

problem-solving - Spotting hidden flaws before they become **failures**,

Optimising designs for **cost and quality without compromise**.

Now I'm looking for a team that values not just what's on paper... but what happens in reality when a building comes to life.

A company where long-term growth means more than turnover — it means trust in expertise and space to innovate.

If you're building something strong, Maybe we should talk.

CONTACTS



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13 years



Egyptian



Arabic, English



Jeddah, Saudi Arabia

KEY SKILLS

- HVAC
- Plumbing Engineering
- Fire Fighting System
- Technical Design
- SMACNA
- ASHRAE
- Hourly Analysis Program HAP
- NFPA
- Duct Sizer
- Piping Design
- Revit MEP
- AutoCAD
- MS Office
- Excel
- MEP Works
- Facility Management
- Project Engineering
- Project Coordination

ONLINE PROFILES

- [LinkedIn](#)

CERTIFICATIONS

Professional Mechanical Engineer
Accreditation
Saudi Council Of Engineers

Valid upto Apr 2026

PROFESSIONAL EXPERIENCE

Al Fanar Projects

Senior Mechanical Engineer

Jul 2023 - Apr 2025 | Saudi Arabia, Saudi Arabia

Expertly designed, analyzed and optimized mechanical systems (**HVAC**, **Firefighting**, and **plumbing**) to enhance efficiency and safety in diverse projects. Collaborated with crossfunctional teams to implement innovative solutions, leading to a **20% reduction in operational costs** and improved energy performance. Conducted thorough inspections and troubleshooting, resulting in a **15% decrease in maintenance response time**, thereby enhancing system reliability. Developed and maintained comprehensive documentation of project specifications, ensuring compliance with industry standards and regulations. Engaged in continuous professional development to stay ahead of emerging technologies in mechanical engineering, fostering a culture of innovation and excellence within the team.

First-Fix

Senior Mechanical Engineer

Sep 2022 - Jun 2023 | Saudi Arabia, Saudi Arabia

As a Senior Mechanical Engineer at

- **King Abdullah Financial District (KAFD)**,
- **VIA Riyadh VIP mall**

I spearheaded the design of cuttingedge mechanical systems to **enhance operational efficiency**.

My role involved conducting comprehensive analyses to ensure all designs aligned with stringent safety and performance standards.

I successfully led crossfunctional teams in the **Testing and commissioning** phase of **AC units, Chilled water, firefighting pumps**,

Reducing energy consumption by innovative design solutions.

My contributions to project management included maintaining adherence to timelines and budget, Ensuring project milestones were consistently met.

Additionally, I implemented a rigorous **maintenance schedule**, which improved system reliability .

My dedication to continuous improvement and **quality assurance was instrumental** in elevating project outcomes and ensuring compliance with industry regulations.

East Delta LTD EDSCO

Mechanical Engineer

Oct 2019 - Aug 2022 | Saudi Arabia, Saudi Arabia

Tech design and build of mechanical systems (**HVAC, Firefighting and plumbing**) to enhance efficiency and safety in diverse projects. Collaborated with crossfunctional teams to implement innovative solutions, thereby enhancing system reliability. Developed and maintained comprehensive documentation of project specifications, ensuring compliance with industry standards and regulations. Engaged in continuous professional development to stay ahead of emerging technologies in mechanical engineering, fostering a culture of innovation and excellence within the team. Many projects at Saudi Arabia ;

- **MUVI CINEMAS** (Jeddah Khamis Mushait)
- **Cinepolis cinemas** (Jeddah 2 branches)
- **Aljazera bank** main headquarters (Jeddah)
- **Aljazera bank** car parking
- **STARBUCKS** (Many branches)
- **SNB Saudi national bank** branches (Jeddah)

ORASCOM Construction Industries

Mechanical Engineer

Oct 2014 - Jul 2019 | Egypt, Egypt

Oversee execution of mechanical systems (**HVAC, Firefighting and plumbing**) to enhance efficiency and safety in diverse projects. Collaborated with crossfunctional teams to implement innovative solutions, thereby enhancing system reliability. Developed and maintained comprehensive documentation of project specifications, ensuring compliance with industry standards and regulations. Engaged in continuous professional development to stay ahead of emerging technologies in mechanical engineering, fostering a culture of innovation and excellence within the team. Many projects in Saudi Arabia

(PORTSAID TUNNELS UNDER SUEZ CANAN NEWCAPITAL POWE PLANT 4800 MW)

EDUCATION

Bachelor of Technology/Engineering - Mechanical
Zagazig University, Egypt

2012