

AYMAN SAID

SENIOR MECHANICAL ENGINEER

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EMAIL | aymn.said88@gmail.com
LOCATION | Jeddah, Saudi Arabia
EXPERIENCE | 13 years
NATIONALITY | Egyptian
LANGUAGES | Arabic, English

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](#)

Certification

Work Experience

Senior Mechanical Engineer

Al Fanar Projects, Saudi Arabia, Saudi Arabia
Jul 2023 - Apr 2025

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.

Senior Mechanical Engineer

First-Fix, Saudi Arabia, Saudi Arabia
Sep 2022 - Jun 2023

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**.

Professional Accreditation

Saudi Council Of Engineers

Does not expire

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 constraints while fostering strong relationships with stakeholders,

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.

Mechanical Engineer

East Delta LTD EDSCO, Saudi Arabia, Saudi Arabia

Oct 2019 - Aug 2022

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)
- **Cinopolis cinemas** (Jeddah 2 branches)
- **Aljazera bank** main headquarters (Jeddah)
- **Aljazera bank** car parking
- **STARBUCKS** (Many branches)
- **SNB Saudi national bank** branches (Jeddah)

Mechanical Engineer

ORASCOM Construction Industries, Egypt,
Egypt

Oct 2014 - Jul 2019

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 CANAL
NEWCAPITAL POWER PLANT 4800 MW)

Education

**Bachelor of Technology/Engineering -
Mechanical**

2012

Zagazig University, Egypt

Profile Summary

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.