

Abdullah Hassan Felemban

Mechanical Engineering

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Riyadh, Saudi Arabia

SUMMARY

Motivated Mechanical Engineer with hands-on experience in site supervision, HVAC, plumbing and firefighting in mega construction projects. Skilled in project planning, BOQs, and ensuring quality and safety compliance on site.

Education

University of Jeddah | Saudi Arabia

Bachelor of Mechanical Engineering | Jan 2025

Experience

MAB United for Trading & Construction (MEP Contractor)

Al-Qiddiya Project – Water Park Hotel | Riyadh, Saudi Arabia

Mechanical Project Engineer | Full Time | Feb 2025 – Present

- Supervise the installation of MEP mechanical systems, including HVAC (chilled water systems, refrigeration, ducting), plumbing, and fire protection systems.
- Monitor site activities to ensure compliance with HSE requirements, quality standards, and approved method statements.
- Review shop drawings, technical submittals, and specifications to ensure compliance with project and engineering standards.
- Resolve on-site technical issues and coordinate with consultants, contractors, and other trades to maintain smooth project execution.
- Prepare daily and weekly progress reports, attend coordination meetings, and track project milestones.
- Working on a large-scale hospitality project with an approximate project value of 180 million SAR .

Salah Al-Zughaibi Engineering Consultant | Jeddah Saudi Arabia

Mechanical Project Engineer - Co-Op Trainee | May - July 2023

- Gained the ability to evaluate and inspect engineering systems such as water supply and sewer drainage system and HVAC systems.
- Learned how to prepare accurate and comprehensive reports documenting work progress, challenges encountered, and how to overcome them.
- Supervised construction projects, ensuring contractors adhered to approved plans.
- Followed safety procedures on-site and worked to reduce risks.

Projects

Project Engineer - Self-Employed | September - September 2024

- Managed the entire construction process for a commercial laundry shop, ensuring project milestones were met and operations proceeded smoothly.
- Monitored and enforced quality control to ensure there were no errors and all elements were executed as planned.
- Prepared a comprehensive Bill of Quantities (BOQ) for the client, detailing material and cost estimates to ensure budget accuracy.

Project Engineer - Self-Employed | September - November 2022

- Led the comprehensive planning and management of interior construction for a restaurant, including technical analysis and space utilization.
- Designed and developed functional and visually appealing construction plans in line with the restaurant's identity and theme.
- Created a detailed budget encompassing materials, labor, and decoration costs.
- Supervised the construction process, working closely with contractors and specialists to ensure quality execution.

Project Engineer - Self-Employed | April - May 2022

- Delivered innovative interior construction solutions that aligned with client requirements.
- Developed precise project budgets, effectively managing costs and expenses.
- Estimated quantities and identified appropriate materials and suppliers for project execution.
- Oversaw the implementation of construction plans, coordinating with the work team and contractors.

Skills

● Technical Skills:

- Use of Engineering Software (AutoCAD, Revit).
- Analysis and Simulation.
- Manufacturing and Production.
- Understand Engineering and Structural Principles.
- Strong General Computer Skills.
- Proficiency in Microsoft Office Suite.

● Languages: Arabic, English.

● Soft Skills

- Analytical Thinking.
- Time-Management.
- Flexibility and Adaptability.
- Collaboration and Teamwork.
- Communication.
- Problem-Solving.
- Attention to Detail.
- Decision-Making.
- Leadership.
- Critical Thinking.