

# Aseel Al-Ghamdi

Mechanical Engineer

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## Professional Summary

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Mechanical Engineer specializing in HVAC, plumbing, and firefighting systems, with hands-on experience in project management and mechanical system design. Holds a Bachelor's degree in Mechanical Engineering from Fahad Bin Sultan University, complemented by certified training in safety and project management. Proficient in interpreting technical drawings and utilizing design software such as AutoCAD and Revit.

## Education

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### Bachelor of Mechanical Engineering

Fahad Bin Sultan University | Tabuk | Graduated 2025 | GPA: 3,99 out of 5,00

- **Graduation Project: Fire sprinkler system design.**
- **Plumbing Systems Project.**
- **HVAC Systems Project (thermal load calculations).**

## Professional Experience

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- **Mechanical Engineer | Seven Project | July 2024 – September 2024**
- **Site Mechanical Engineer | AMAALA | Ocean Golf Project | September 2025 - Until now**
- Designed HVAC systems and performed thermal load assessments.
- Installed and maintained firefighting systems.
- Prepared shop drawings using Revit.
- Reviewed and implemented plumbing systems per technical specifications.
- Coordinated with project teams to ensure quality and timeline adherence.

## Projects

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### Fire Sprinkler System Design

- **Objective:** Develop an efficient fire suppression system for commercial buildings.
- **Results:** Achieved compliance with local safety standards.
- **Role:** Lead designer and implementation coordinator.

## Training Courses

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- Project Management Professional (PMP)
- IOSH Managing Safely (IOSH-MS)
- ISO 45001 Lead Auditor
- OSHA 30-Hour General Industry
- Hazardous Materials Handling
- Level 2 Award in Health & Safety at Workplace
- Accident Investigation
- IOSH Working Safely (IOSH-WS)
- HVAC System Design
- Fire Fighting System Design
- Plumbing Systems Design
- Revit Course
- Shop Drawing Course

## Skills

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### Personal Skills:

Strategic Planning | Problem-Solving | Team Collaboration | Leadership | Effective Communication | Time Management | Adaptability | Innovation | Negotiation | Analytical Thinking | Attention to Detail | Fast Learning

### Practical Skills:

Project Management | Mechanical System Design | Quality Control | Preventive Maintenance | Data Analysis | Technical Reporting | Team Coordination | Safety Standards Compliance | Resource Management | Process Optimization | Technical Auditing | Adapting to Change

### Technical Skills:

AutoCAD | Revit | Elite Fire | HAP | Ductsizer | Excel (Advanced) | Power BI | Python | SQL | ERP Systems | Photoshop | Tableau | Microsoft Office | Outlook | Windows | Academic Writing | Presentations | Powerpoint | Excel

## Languages

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- Arabic: Native
- English

