

# Abdulaziz Alothman

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## Career Objective

Mechanical Engineering graduate from King Saud University with a strong foundation in system design, optimization, and hydraulic analysis. Passionate about applying engineering principles to solve real-world challenges in infrastructure, maintenance, and environmental systems. Experienced in cooperative training with Parsons, familiar with stormwater drainage design, inspection protocols, and safety standards. Eager to contribute technical expertise, analytical thinking, and collaborative spirit to a forward-thinking engineering team.

## Professional Experience

### Parsons – Riyadh, Saudi Arabia

Cooperative Training | June 2025 – August 2025

- Reviewed stormwater drainage system designs under senior engineer supervision
- Studied RFP documents, project scopes, and safety/quality plans
- Gained exposure to site visit protocols and inspection procedures
- Learned NFPA standards and drainage system components

### Al-Bir Humanitarian Association – Riyadh, Saudi Arabia

Volunteer | April 2022

- Participated in Ramadan community service for 15 days
- Supported logistics and event coordination

## Education

### Bachelor of Science in Mechanical Engineering

King Saud University – Riyadh, Saudi Arabia

2019 – 2025

## Certifications & Courses

- Performance Indicators in Maintenance Management – Saudi Council of Engineers**
- Introduction to Programming with MATLAB – Vanderbilt University (Coursera)**
- Single-Phase Pipe Hydraulics and Pipe Sizing – L&T Edutech (Coursera)**
- Saudi Council of Engineers Membership – Member No. 1174450**

## Skills

### Technical Skills:

- Mechanical system design and optimization
- Hydraulic analysis and pipe sizing
- Maintenance planning and performance indicators
- Failure mode and root cause analysis
- Engineering software: SolidWorks, AutoCAD, MATLAB
- Technical reporting and documentation
- Inspection procedures and quality control
- Microsoft Office (Word, Excel, PowerPoint)
- Familiarity with NFPA standards and safety protocols
- Understanding of RFP documents and project scopes

### Soft Skills

- Effective communication with cross-functional teams
- Time management and organizational efficiency
- Analytical thinking and problem-solving
- Ability to work under pressure
- Fast learning and adaptability
- Initiative and teamwork spirit

## Languages

**Arabic (Native)**

**English**