

# Ahmed Zaki Elmenshawy

Senior Civil Engineer, Riyadh, Saudi Arabia

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## Contact Information

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Nationality: Egyptian.

## Professional Summary

I am a Civil Engineer with over a decade of experience working on diverse infrastructure projects across Saudi Arabia and Egypt. From bridge inspections to water and sanitation systems and buildings construction, I've consistently focused on delivering safe, high-quality results on time and within budget. I am experienced in bridge inspection according to AASHTO manual for bridge inspection, maintenance and rehabilitation, multistory buildings, and water and sanitation projects. Beyond technical expertise, I bring solid project management credentials including PMP certification. I'm confident in my ability to adapt to new environments, communicate effectively with cross-functional teams, and stay focused under pressure.

## Work Experience

**Company: Engineering and Research International, ERI**

**Job title: Head of visual inspection team**

📅 Dec 2017 – Present

📍 Riyadh, Saudi Arabia

*Key projects*

**Inspection and evaluation of road facilities across KSA.**

**Owner:** Ministry of transportation and logistics services (MOTLS).

**Maintenance and rehabilitation of tunnels and bridges in Dammam City.**

**Owner:** Eastern Region Municipality.

**Inspection and evaluation of Evergreen Bridges.**

**Owner:** Saudi Arabia Railways (SAR).

Key Responsibilities:

- Conduct visual inspections of bridges, tunnels, retaining walls, and culverts according to AASHTO manual.
- Manage on-site inspection teams.
- Evaluate structural conditions and prepare recommendations.
- Oversee office teams in generating final reports.
- Review inspection reports and determine appropriate maintenance measures.
- Train new engineers in visual inspection principles per AASHTO standards.
- Perform quality assurance and control (QA/QC) for inspections.

**Job title: Bridge Engineer**

**Inspection and evaluation of bridges across KSA.**

**Project: Inspection and evaluation of bridges on road 5.**

**Owner:** Neom.

Key Responsibilities:

- Conduct visual inspections of bridges and culverts according to AASHTO.
- Evaluate structural conditions and prepare recommendations.
- Oversee office teams in generating final reports.
- Review inspection reports and determine appropriate maintenance measures.

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**Company: Saeed Osman for Engineering Consultants**

**Job title: Quantity Surveyor**

📅 Dec 2016 – Dec 2017      📍 Umluj, Tabuk, Saudi Arabia

**Project: Supervising water and sewer projects in Umluj Governorate, KSA.**

**Owner:** Ministry of Water, Environment and Agriculture.

**Scope:** 17 projects.

Key Responsibilities:

- Perform all quantity surveying tasks.
- Review shop and as-built drawings.
- Prepare invoices and periodic reports.
- Approve materials and drawings as per specifications.
- Supervise projects including:
  - Water network installation.
  - Sewer and sanitation network.
  - Sewage station.

**Job title: Consultant Site Engineer**

📅 Oct 2014 – Dec 2016      📍 Haql, Tabuk, Saudi Arabia

**Project: Supervising water and sewer projects in Haql Governorate, KSA.**

**Owner:** Ministry of Water, Environment and Agriculture.

**Scope:** 5 projects.

Key Responsibilities:

- Plan and inspect construction work for various projects.
  - Ensure compliance with health and safety standards.
  - Review civil design works.
  - Supervise projects including:
    - Two-story administration building construction.
    - Water network installation (stage 3).
    - Sewer and sanitation connections for residential areas.
    - Elevated tank at Beer Ben Harmas.
    - Sewage station.
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**Company: Al-Furqan Company**

**Job title: Contractor Site Engineer**

📅 Aug 2012 – Oct 2014      📍 Tanta, Egypt

## Projects:

- Construction of three stories.
- Construction of multi-story building (basement, ground floor and 7 typical floors).
- Construction of (Directorate of Supply and Internal Trade) (owner Educational Buildings Authority).
- Finishing of 4 story building.
- Construction of new educational building at faculty of specific education (owner Tanta University).

## Key Responsibilities:

- Manage site operations and execution of construction work.
- Create detailed shop drawings.
- Perform quantity surveys and prepare invoices.

## **Education**

### Tanta University

#### **B.Sc. in Civil Engineering, 2012**

- Degree: Very Good.
- Graduation Project: Structural Engineering (Grade: Excellent).

## **Certification**

- **Project Management Professional (PMP)**, Project Management Institute (PMI), 2024.
- **Professional Engineer**, Saudi Council of Engineering.
- **Introduction to Safety Inspection of In-Service Bridges**, National Highway Institute (NHI), 2017.
- **International Project Management Association Course (IPMA)**, EMAND Egypt, 2013.

## **Skills**

- Bridge inspection and evaluation.
- Preparing technical proposals.
- Quantity surveying and project supervision.
- Infrastructure development (water and sanitation projects).

- Proficient in SAP2000, SAFE, AutoCAD 2D, Primavera.
- Skilled in preparing as-built and shop drawings.
- Proficient in Microsoft Office Suite.

## ***Languages***

- Arabic: Native.
- English: Advanced proficiency.