

# Mohammed Mesfer Alazizi

## Civil Engineer

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### PROFESSIONAL SUMMARY

**Fresh graduate Civil Engineer from Qassim University with Second Honor.** Completed academic and practical projects in construction management, water distribution, and sewer system design. Gained hands-on experience through internship at Arkal Engineering Consultants in site supervision, safety, and quality control. Demonstrated leadership as President of the Engineering Club, organizing 30+ events and promoting teamwork and communication

### EDUCATION

**B.S. in Civil Engineering, College of Engineering, Qassim University** 01/2020 – 06/2025  
**GPA: 4.39 out of 5 (Second Honor)**  
**Major Academic Courses:** Structural Engineering, Transportation Engineering, Water Resources & Environmental Engineering, Construction Engineering & Management

### INTERNSHIP EXPERIENCE

**Civil Engineering Intern,** 06/2024 – 08/2024  
**Arkal Engineering Consultants | Khob Al-Rowdan Housing Project** Buraydah, Al Qassim, Saudi Arabia

- Supervised construction activities for **49 buildings** and **98 housing units** in a **47,000 m<sup>2</sup>** residential project.
- Reviewed **4 structural and architectural design models** and supported field implementation.
- Prepared **over 8 site inspection reports** and enforced daily safety checklists, reducing incidents by **15%**.
- Assisted in quality control, contractor coordination, and progress monitoring.

### PROJECTS

**Graduation Project - Construction Project Management Plan** 09/2024 – 06/2025  
Designed a full management and control plan for a **47,000 m<sup>2</sup> housing project** (Khob Al-Rawdan) with **49 buildings and 98 units**. The project was developed using real-life data and insights gained during an internship at Arkal Engineering Consultants.

- Built a **WBS**, project schedule, and **4D BIM model** to simulate construction phases.
- Performed **cost estimation, financial analysis**, and contract evaluation using **FIDIC standards**.
- Developed a detailed **Risk Management Plan (RMP)** and implemented **BIM** to enhance coordination and reduce errors.

**Water Infrastructure Design** 02/2024 – 05/2024  
Designed integrated **Water Distribution (WDS)** and **Wastewater (WWS)** systems for **Alsaфра** district, serving **3,500+ residents**.

- Modeled a **looped water network** with **70 nodes, 108 pipes**, and a **7.4m tank** using **EPANET**.
- Designed a **gravity-based sewer system** with proper slopes, pipe sizing, and invert levels.
- Applied **Manning's equation**, demand calculations, and ensured compliance with Saudi codes.
- Focused on hydraulic efficiency, sustainability, and operational reliability.

### EXTRACURRICULAR ACTIVITIES

**President of Engineering Student Club** 09/2023 – 01/2025

- Led and coordinated a team of student members to organize **33+ cultural and technical events** totaling over **176 hours** of activities.
- Promoted teamwork and efficient planning through structured delegation and collaborative event execution.
- Represented the club in **international exhibitions** and university-wide engagements.
- Won **One Diamond & Two Golden & One Silver Shield Awards** for excellence in student activities at Qassim University.
- Strengthened the club's impact through outreach, faculty collaboration, and leadership in interdisciplinary initiatives.

### CERTIFICATES

**BIM for Civil Engineers – Basics (Revit 2023)** 06/2022  
*Autodesk Authorized Training Center – Omnix International* Completed **9–16 hours** of certified training on BIM fundamentals for civil projects.

**General Intensive English Course (CEFR B2)** 06/2023 – 08/2023 | Bournemouth, UK  
Anglo-Continental School of English completed an 8-week English language program (**20 lessons/week**)

### SKILLS

**Soft Skills:** Leadership, Communication, Problem-solving, Time management, Adaptability, Critical thinking, & Collaboration.

**Microsoft Office:** Used Word for reporting, Excel for calculations and tracking, and PowerPoint for technical presentations.

**Primavera P6:** Used for scheduling, WBS creation, and progress tracking in construction projects.

**Revit (BIM) & Navisworks:** Created 4D BIM models, performed clash detection, and supported construction planning with time-linked.

**AutoCAD:** Drafted structural and architectural drawings; used for plan reviews and field implementation.

**ETABS:** Analyzed structural elements; modeled and evaluated reinforced concrete buildings under gravity and lateral loads.