

ABDULAZIZ ALHASANI

Civil Engineer

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PROFILE

A detail-oriented and motivated Civil Engineer with a Bachelor's degree from Taif University (GPA 3.14/4.00 – Very Good). I have a solid understanding of civil engineering and construction, gained through academic studies and practical training. I have hands-on experience in site supervision, quality control, safety, and compliance with standards, supported by 320 hours of field training at UCC Holding. I'm also familiar with design, project management, and value engineering, which I applied in my graduation project focused on alternative analysis and performance-cost improvement. I aim to contribute to effective construction projects and continue growing professionally in the engineering field.

Experience

- **Urbacon trading and Contracting (UCC)** June 2024 – Aug 2024
 - Participated in over 7 construction site activities, including surveying, implementing safety procedures, and inspecting quality standards
 - Attended more than 5 structured training sessions on project scheduling, progress monitoring, and team coordination.
 - Conducted topographic mapping, foundation inspection, and structural analysis using AutoCAD, Revit, STAAD Pro, and SAP2000.
 - Performed 5+ quality control tests on concrete, steel, and soil in both laboratory and field environments
 - Engaged in real-time problem solving, site coordination, and safety audits in active construction environments.

Education

- **Bachelor's Degree in Civil Engineering** 2020 – 2025
Taif University, Saudi Arabia, Taif
Graduated with a GPA of 3.20/4.00 (Very Good)

License & Professional Certifications

- Saudi Council of Engineering License .
- Introduction to Project Management Certificate, Training & Development Department, Saudi Council of Engineers.
- Professional Skills Course in Maintenance Management

Graduation project

- Optimization of Construction Projects Using Value Engineering Methods
 - Case Study 1 – Water Treatment Plant: Redesigned concrete mix to balance cost and environmental impact, achieving an estimated 12% cost reduction and improved sustainability rating.
 - Case Study 2 – University Hospital: Analyzed technical and organizational challenges; proposed alternative structural solutions resulting in enhanced constructability and a projected 15%-time savings.
 - Applied the full Value Engineering methodology to assess alternatives in terms of cost, risk, performance, and sustainability.

Software & Skills

- Proficient in AutoCAD, Revit Structure, SAP2000, Global Mapper, ETABS, EPANET, Google Earth, Microsoft Office and Canva.
- Effective leadership and management, Effective communication.

Languages

- Arabic Native Speaker.
- English Second language.