

ABDULAZIZ ALGHAMDI

Civil Engineering Graduate

+966544655038 @ Abdulazizalghamdi41@gmail.com [LinkedIn](#) Jeddah, Saudi Arabia

SUMMARY

Civil Engineering Graduate with a strong academic background in both modern and traditional construction systems. Skilled in structural analysis, AutoCAD, and Civil 3D, with foundational knowledge in project planning, drainage design, and sustainable construction practices. Completed a research-based graduation project exploring how technologies like prefabrication, 3D printing, and steel structures impact quality, efficiency, and design innovation. Confident in interpreting technical drawings, supporting engineering documentation, and contributing to project workflows. Motivated to learn, grow, and support infrastructure projects in a collaborative engineering environment.

EDUCATION

Bachelor of Civil Engineering

Technical College - The Technical and Vocational Training Corporation

05/2025 Jeddah, Saudi Arabia

GRADUATION PROJECT

Comparative Study of Traditional vs. Modern Construction Systems

2024 - 2025 Jeddah, Saudi Arabia

- Investigated engineering principles behind traditional construction methods using bricks, stone, and wood, and compared them with modern technologies such as prefabrication, 3D printing, and steel structures.
- Analyzed the impact of construction technology on project efficiency, material sustainability, design accuracy, and structural integrity.
- Evaluated how modern systems improve execution speed, minimize waste, and enable innovative architectural solutions.
- Presented findings through technical documentation and oral defense to academic faculty, highlighting potential industry applications and cost-efficiency outcomes.

SKILLS

Structural Analysis & Design

Project Management

Sustainable Building Practices

Quantity Surveying

Drainage & Stormwater Design

Modern & Traditional Construction

AutoCAD & Civil 3D

Project Planning Fundamentals

Technical Drawing Interpretation

Engineering Research & Technical Reporting

LICENSES

Engineering Technologist Member

Saudi Council of Engineers (SCE)

07/2025 - Present

Membership ID: 868848868848

LANGUAGES

Arabic

Native

English

Proficient