


# HASSAN AL-AMER

+966 50 422 3218

@ hassanalamer001@gmail.com

 Hassan Al-Amer

## PROFILE

Building Engineering graduate from Imam Abdulrahman Bin Faisal University with a solid foundation in architectural, structural, electrical, and mechanical systems design. Skilled in managing complex building projects and coordinating with multidisciplinary teams. Known for strong organizational abilities, accuracy, and a commitment to continuous learning and innovation in sustainable and efficient building solutions.

## EDUCATION

### Bachelor's degree in building engineering

Aug 2019 May 2025

Imam Abdulrahman Bin Faisal University, IAU

## EXPERIENCE

### Al Fajr Towers -Alahsa (Intern)

Jul 2023 - Sep 2023

- Supervised on-site construction activities to ensure compliance with quality and safety standards, contributing to a noticeable reduction in field errors.
- Reviewed architectural plans for design accuracy and coordinated corrections prior to implementation, improving project workflow efficiency.
- Designed lighting layouts tailored to user needs and project specifications.
- Examined structural drawings to confirm alignment with engineering standards and architectural intent.

## UNIVERSITY PROJECTS

- Office building (Graduate project)  
Explored fire safety optimization in office buildings using BIM, PyroSim, and Pathfinder; analyzed evacuation scenarios to improve smoke control, exit distribution, and occupant safety.
- Mosque project  
Developed a mosque structure featuring a central dome using Revit, AutoCAD, and DesignBuilder, focusing on geometric precision, load distribution, and traditional Islamic architecture.
- Museum project  
Designed a long-span museum using Revit, AutoCAD, and DesignBuilder, focusing on open interior spaces, structural integrity, and energy-efficient modeling.
- Hotel Tower project  
Designed a high-rise hotel using Revit, AutoCAD, and DesignBuilder, emphasizing vertical circulation, structural efficiency, and energy-conscious architectural planning.

## SKILLS

- Revit
- AutoCAD
- PyroSim
- Navisworks
- Pathfinder
- DAI Lux
- HAP
- CSI Detail
- Design Builder
- ETABS
- Duct sizer
- Microsoft Office

## LANGUAGES

- Arabic — Native
- English — Intermediate