

BASEL MOHAMED ELGHAFOUL

Architectural Engineer | BIM Modeler | 3D Visualizer

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Professional Summary

Architectural Engineer with 3+ years of experience in architectural design, BIM modeling, site supervision, shop drawings, and construction documentation for residential, commercial, and healthcare projects across Saudi Arabia and Egypt. Skilled in delivering practical design solutions from concept through site execution.

Professional Experience

Furniture Designer & Sales Designer | Professional Closets | Jeddah | Sep 2024–Present

- Designed custom furniture layouts and prepared shop drawings using AutoCAD.
- Produced technical detailing, material specifications, and fabrication drawings.
- Coordinated with clients, production, and installation teams to ensure accurate project delivery.

Site Architect | Tamer Shalaby Design Office | Cairo | Dec 2023–Aug 2024

- Coordinated subcontractors, monitored site progress, and ensured compliance with approved drawings and project specifications.
- Reviewed shop drawings, resolved on-site issues, and coordinated design changes with the technical office.
- Verified completed works, prepared quantity take-offs for subcontractor payment certificates, and communicated client feedback to the design team.

Freelance Architectural Designer | 2023–Present | Project-Based

- Designed residential and commercial architectural and interior projects.
- Prepared construction drawings, technical details, and photorealistic visualizations.
- Coordinated with clients throughout the design and project delivery process.

Core Skills

Architectural Design • BIM Coordination • Site Supervision • Construction Documentation • Shop Drawings • Technical Drawings • Technical Detailing • Space Planning

Software

Revit • AutoCAD • 3ds Max • Corona Renderer • V-Ray • Unreal Engine • Photoshop

Education

Bachelor of Architecture Engineering – Higher Institute of Engineering and Technology, Kafr El-Sheikh (2023)

Certifications

- BIM for Architecture – WYA Academy
- Practical Site Engineering Training – Sinoma-CDI
- Unreal Engine for Architecture – HA 3D Studio

Languages

Arabic: Native

English: B1 (Intermediate)