

Fatima Alaa El-Din Metwally

Architectural Engineer | Interior Designer | Technical Office Engineer

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Professional Summary

Detail-oriented Architecture Engineer with expertise in **shop drawings, interior design, and 3D modeling**. Skilled in collaborating with cross-functional teams, teaching architectural courses, and delivering high-quality designs for residential, commercial, and hospitality projects across **Egypt, KSA, and Qatar**. Proficient in industry-standard design software and passionate about innovative, sustainable solutions.

Education

B.Sc. in Architecture Engineering

Obour High Institute for Engineering and Technology — Graduated July 2024

- Grade: Very Good (**4th position in class**)
- Graduation Project: *Story of War Heroes* — **Excellent (3rd position in class)**

Professional Experience

1. Teaching Assistant — Fine Arts, Mansoura University

Sep 2025 – Present

- **Courses:** Building Construction 1, Executive Design 2, and Executive Design 4.

2. Teaching Assistant — Fine Arts, Mansoura University

Feb 2025 – May 2025

- **Courses:** Building Construction 1, Executive Design 2, and Executive Design 4.

3. Teaching Assistant — Faculty of Engineering, Obour High Institute

Feb 2025 – May 2025

- **Courses:** Design 3, Feasibility Studies, and Financial Management.

4. Architectural Engineer — Image Company

Aug 2024 – May 2025

- Produced shop drawings, 3D models, renders, and design proposals for various projects.

5. Freelance Architectural Engineer

2024 – 2025

- Delivered shop drawings and interior design solutions for residential and commercial clients.

Selected Projects

1. Qatar

- a. Lusail Real Estate Development (Shop Drawings)
- b. Palace (Interior Design & Shop Drawings)

2. KSA

- a. Administrative Offices (Redesign)
- b. Restaurant (Redesign)
- c. Mabast (Design & Shop Drawings)

3. Egypt

- a. Nexus Hub (Design, 3D Modeling & Rendering)
- b. Royal Palm Compound - 6 October (Design, 3d Modeling and Rendering)
- c. Madinaty Apartment (Redesign, interior design and shop drawings)
- d. Villa - 10th of Ramadan (Redesign, interior design and rendering)
- e. Nile Lounge (Design, 3d Modeling and Rendering)

Technical Skills

- **Design & Modeling:** AutoCAD, Revit, SketchUp, 3ds Max, Lumion, Coohom
- **Rendering:** Corona Renderer, Photoshop, Premiere Pro
- **Productivity:** MS Office Suite (Word, Excel, PowerPoint), Canva

Languages

- Arabic – Native
- English – Very Good (Spoken & Written)
- Korean – Good Command
- Chinese – Beginner