

Marwa Badawi

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Professional Summary

Architect with a Bachelor's degree in Architecture with Digital Technology from Helwan University, Cairo, possessing practical experience in interior and exterior design, preparing execution drawings, and quantity takeoffs, and executing diverse residential, commercial, medical, and mosque projects. Applied LEED environmental sustainability standards in graduation projects and workshops. Achievements include developing innovative graduation projects, contributing to a research paper on renovating government buildings according to sustainability standards, and assisting in the development of integrated designs suitable for various work environments. Aiming to apply engineering and management skills in innovative design projects, focusing on quality execution and enhancing user experience in buildings and facilities.

Education

- **Bachelor's degree in Architecture with Digital Technology – Helwan University, Cairo, Egypt | 2017 – 2022**
Graduation Project: Leading center for multiple sclerosis patients combining advanced medical care, psychological therapy, and a research center for developing innovative treatments with sustainable environmental strategies.
Published Research Paper: Renovation of Tahrir Complex Building for LEED Certification in collaboration with a research team.

Professional Experience

Interior Designer | MIND Full Solutions – Saudi Arabia | Jan 2023 – Present

- Prepare 3D designs and concept files (3D Design & Concept File)
- Prepare execution drawings (Shop Drawings) and material boards
- Perform quantity takeoffs (BOQ) using Excel and prepare detailed project schedules
- Contribute to the design of residential, commercial, medical, office, and mosque projects
- Key projects: Mosque overlooking the Haram in Swiss Clock Towers (Makkah), Mina Medical Care Center, Movenpick Hotel Makkah, Ritchie Stores, Ministry of Health in Mina, Makkah

Architect | Deqa Design – Egypt | Aug 2021 – Oct 2021

- Prepare 2D drawings and initial plans
- Assist in preparing quantity takeoffs (BOQ) for residential projects
- Collaborate within a team to design various residential projects

Training Courses

- Interior Design Course | SAE | Feb 2024 – Apr 2024: 3D Max & Corona Render, Construction, Artificial Intelligence
- Lumion Course | Egypt | Nov 2022: Interior & Exterior rendering for design presentations
- Public Speaking | ENGY-BREAK – Egypt | Nov 2017 – May 2018: Participation in workshops and public speaking events

Skills

Personal Skills

Effective communication – Teamwork – Time management – Problem-solving – Decision-making – Adaptability – Prioritization – Creative thinking – Continuous learning – Attention to detail – Stress management – Supervising teams – Working under pressure – Negotiation skills – Observational skills

Practical Skills

Preparing execution drawings – 3D design – Concept development – Material boards – Quantity takeoffs (BOQ) – Project site follow-up – Preparing initial and 2D plans – Coordination with technical teams – Executing residential, commercial, and medical projects – Designing mosques and public facilities – Project reporting – Interior and exterior design development – Quality control – Applying sustainability standards – Building energy performance analysis

Technical Skills

AUTOCAD – Revit – Lumion – 3D Max – Corona Render – Photoshop – InDesign – Microsoft Office (Word, Excel, PowerPoint) – Design Builder – Insight for Revit – SketchUp – 3D modeling – software Energy analysis software .

Languages

- Arabic
- English