

Profile

Architectural designer with one year of professional experience in BIM-based design development, façade systems, and multidisciplinary coordination for large-scale projects in Egypt, UAE, and KSA. Proficient in Revit, Rhinoceros, and parametric modeling, with strong foundations in conceptual design, technical detailing, and construction documentation. Committed to delivering functional, aesthetic, and buildable solutions under tight deadlines.

Education

Bachelor of Architectural Design – Helwan University, Egypt

Graduated: Jul 2024

Professional Experience

ECG Engineering Consultant Group – Cairo, Egypt

Architect | May 2024 – Present

Developed detailed BIM models in Revit and coordinated via Autodesk Construction Cloud (ACC). Created and integrated custom façade families during schematic and design development stages. Conducted QA/QC reviews, resolving 50+ model and sheet inconsistencies.

Collaborated with architectural, interior, and engineering teams to resolve spatial and functional conflicts.

Key Projects:

Co-Living RAFAI x HIVE, KSA: Redesigned basement parking layout to optimize circulation; resolved schematic design issues.

MIVIDA Gardens – EMAAR Misr, Egypt: Corrected model and sheet issues across 7 villa typologies; performed clash detection.

Arab Academy – New Al-Alamein, Egypt: Researched lab equipment and designed ergonomic, functional lab interiors.

Archi Heaven – Cairo, Egypt

Facade Engineer | Oct 2024 – Mar 2025

Prepared and revised shop drawings and fabrication documents for aluminum cladding curtain walls, mullions, and transoms.

Coordinated between design, factory production, and site execution to ensure accuracy.

Key Project: The Grove, UAE – Oversaw façade system installation with focus on precision and quality.

The Arab Contractors – Cairo, Egypt

Architectural Intern | Aug 2020 – Sep 2020

Observed and documented hospital construction, gaining knowledge of healthcare-specific systems. Assisted in site documentation, construction drawings, and multidisciplinary coordination.

Technical Skills

Design & BIM: Autodesk Revit, Rhinoceros, Grasshopper, AutoCAD, SketchUp, 3ds Max, Twinmotion

Rendering: Enscape, Lumion, Adobe Photoshop, Adobe Illustrator, Adobe InDesign

Other Tools: Microsoft 365

Soft Skills

Conceptual Design | Technical Detailing | BIM Coordination | Communication | Presentation Skills | Graphic Design

Interests

Photography | Travel | Volunteering