

HANY YEHIA MAHMOUD

BIM Architect • Multi-Discipline Coordinator • Autodesk Certified Professional (Revit) • LEED Green Associate (In Progress)

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PROFESSIONAL PROFILE

BIM Architect and Licensed Specialized Engineer (Abu Dhabi) with 6+ years of international experience across Egypt, Qatar, Saudi Arabia, and the UAE. Specialist in multi-discipline BIM coordination spanning architectural, MEP, structural, and landscape disciplines, delivering fully clash-free federated models for large-scale developments. Autodesk Certified Professional in Revit with deep expertise in LOD 200-400 modeling, clash detection, and high-quality design visualization; currently pursuing LEED Green Associate accreditation in line with a strong commitment to sustainable design. Proven track record on landmark projects including Jacob & Co Branded Residences, Al Jurf Villas, Abu Dhabi Bus Stations, and major Qatar civic infrastructure. Recognized internationally as an **8th-place finalist and Best Sustainability Award recipient at the AI Humanitarian Innovation Challenge 2026**.

PROFESSIONAL EXPERIENCE

BIM Coordinator & Design Architect | Otak International

2024 - Present

Leading BIM coordination and modeling for landmark Abu Dhabi projects, managing clash-free federated models across all design disciplines. Lead a team of 12 across the SD, DD, and Tender stages of the project.

Key projects: Jacob & Co Branded Residences, Al Jurf Villas, El Nahda Parks, 4 Season Landscape, Abu Dhabi Bus Stations.

- Lead multi-discipline BIM coordination across architectural, MEP, structural, and landscape disciplines in line with project BEP and EIR requirements.
- Develop and manage LOD 200/300/350 Revit models, ensuring full compliance with employer information requirements and project BIM standards.
- Conduct clash detection and resolution sessions using Navisworks; produce detailed clash reports and coordinate corrective actions with discipline leads.
- Coordinate design development for Jacob & Co Branded Residences, aligning architectural intent with structural and envelope engineering teams.
- Support design development using Rhino for complex geometry and parametric form exploration.

BIM Architect | Alaswad Consulting Office

2023 - 2024

Managed BIM modeling and design coordination for mixed-use and residential projects across Saudi Arabia, bridging design intent and construction delivery.

Projects: Albayt Elromancy, Drive-Thru Outlets, Villas, Healthcare Centers.

- Developed LOD 300/350 Revit models and coordinated with consultants and contractors to resolve design conflicts prior to construction.
- Led multi-discipline coordination sessions to achieve clash-free federated models across architectural, structural, and MEP systems.
- Produced comprehensive concept and schematic design packages (exterior and interior) for client approvals at key design gateways.
- Created high-quality 3D visualizations and rendered presentations to communicate design intent to stakeholders.

Architect | Mito Vision

2022 - 2023

Delivered full architectural documentation and visualization packages from concept through construction-ready drawings for KSA and Egypt-based clients.

Projects: Shajert Eldor Restaurant (KSA), Tahiti Land (North Coast), El Rehab Smart Village, Eltayeb Villa (KSA).

- Delivered full project presentations from concept through construction documentation, preserving design intent across all stages.
- Created parametric Revit families tailored to project-specific components, improving model accuracy and documentation efficiency.
- Produced Lumion and 3ds Max animations for client and stakeholder design-review presentations.

BIM Architect | Galaxy Academy

2021 - 2022

Delivered LOD 300-400 BIM models and shop drawings for major civic and hospitality projects in Qatar, including Lusail Marina Towers and Qatar University.

Projects: Qatar University - New College of Education; ATC Lusail Marina Towers (Rosewood); Old Doha Port - Mina District; Seef Lusail Landscape.

- Produced LOD 300/350/400 BIM models and shop drawings for large-scale civic and hospitality developments.
- Led multi-discipline clash coordination to achieve zero-conflict federated models across architectural, structural, and MEP systems.
- Built custom Revit families and BIM content libraries for project-specific building components using the Revit Family Editor.

Architect | Military Service - Border Guards Forces

2020 - 2021

Served within the military, assigned to the Octagon Interior Design unit, contributing to the design and delivery of official interior fit-out and construction projects.

- Supervised on-site construction and interior fit-out works, ensuring quality standards and design compliance.
- Produced architectural drawings and technical documentation for interior and structural elements.
- Created 3D visualizations to communicate design concepts and support project approvals.
- Coordinated with site teams to monitor progress and resolve technical issues during execution.

Architect | Ehab Kandil Designs

2019 - 2020

Supported technical office operations and on-site supervision for residential and commercial projects in Alexandria.

- Managed technical office functions including shop-drawing production and on-site supervision.
- Coordinated with site contractors to resolve construction issues and ensure design compliance.
- Produced detailed technical drawings and documentation to support project delivery.

EDUCATION

B.Sc. Architecture, Faculty of Fine Arts

Alexandria University | 2014 - 2019 | Grade: Very Good with Honours | Graduation Project: Excellent

AWARDS & RECOGNITION

- **AI Humanitarian Innovation Challenge 2026** — 8th Place Finalist (Global) and Best Sustainability Award, in recognition of an AI-driven solution addressing humanitarian and sustainability challenges.
- **First Award, Student Innovations (2019)** — Alexandria University.

CORE COMPETENCIES

BIM & Standards:

- Revit Architecture (LOD 200-400)
- Navisworks (Clash Detection)
- Rhino & Grasshopper (Modeling Complex Forms)
- AutoCAD
- Autodesk Forma
- ISO 19650

Modeling & Visualization:

- Lumion, 3ds Max, V-Ray
- Photoshop, InDesign
- AI visualization (Nano Banana, Kling AI, Claude AI)

LICENSES & QUALIFICATIONS

- Licensed Specialized Engineer, Municipalities & Transport, Abu Dhabi
- Autodesk Certified Professional, Revit Architecture (2021)
- LEED Green Associate - In Progress, USGBC (2026)

CERTIFICATIONS & TRAINING

- Kayan - 6D/7D BIM Course (2026)
- Kayan BIM Management Diploma (2022)
- Arab Design School (2022)
- Interior Design School (2021)
- Blooms Internship - AUC
- Architectural Documentation & Restoration
- Arab Contractors Co. Training

LANGUAGES

Arabic: Native | **English:** Professional | **German:** Basic