ARCHITECTURE / BIM / DIGITAL DELIVERY

Mahmoud Abd Elrahman

Senior BIM Architect · BIM Coordinator



An architect and BIM professional with 8+ years of experience across Egypt, Saudi Arabia and the UAE. Focused on architectural information, Revit model management, multidisciplinary coordination, technical documentation and AI-assisted productivity workflows.

CORE PROFILE

8+ YEARS OF EXPERIENCE	**03** COUNTRIES	**04** PRACTICES

PROFESSIONAL FOCUS

Architectural BIM authoring · Model health checks · Navisworks clash detection · Autodesk Construction Cloud · Technical office deliverables · AI-supported information and documentation workflows

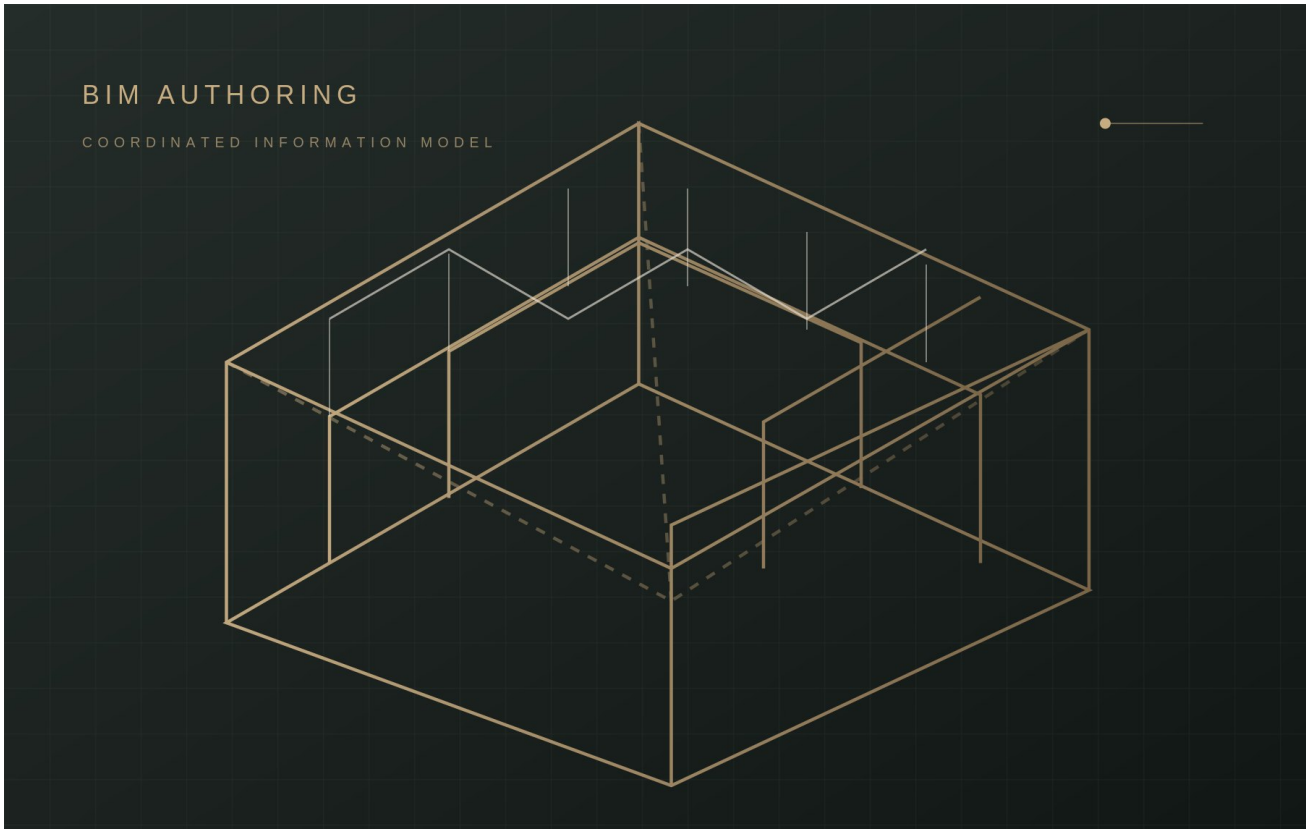
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CAPABILITIES

From model authoring to coordinated delivery

The work combines architectural understanding with structured model management and multidisciplinary coordination. The following areas reflect the tools and responsibilities listed in the supplied CV and portfolio.

BIM authoring & information	Autodesk Revit, model development and management, worksets, schedules, model standards and quality checks.
Multidisciplinary coordination	Navisworks federation, clash detection, architectural / structural / MEP interface review and issue follow-up.
Cloud collaboration	Autodesk Construction Cloud workflows, model exchange, package coordination and controlled information sharing.
Technical office & documentation	Technical drawings, tender documentation, shop drawing review and coordinated architectural deliverables.
Design & visualization	AutoCAD, Dynamo, 3ds Max, Lumion, Photoshop and Illustrator.
AI-assisted workflows	AI-supported research, information organization, review assistance and documentation drafting with engineer-led verification.



Illustrative BIM visual created for this portfolio. It is not a project-specific model or deliverable.

PROFESSIONAL JOURNEY

Experience & project environments

JAN 2024 – PRESENT · ABU DHABI, UAE

Senior BIM Architect – BIM Coordinator

OTAK International

BIM coordination and multidisciplinary model management; Revit model review; Navisworks clash detection; coordination with structural and MEP teams; technical and tender deliverables.

JAN 2023 – JAN 2024 · CAIRO, EGYPT

Senior BIM Architect Engineer

Madinet Masr (MNHD)

Architectural BIM activities, model coordination, technical documentation, clash detection and multidisciplinary interfaces.

SEP 2022 – DEC 2022 · CAIRO, EGYPT

BIM Architect II Engineer

NAGA Architects

Revit model preparation and management, architectural / engineering coordination, clash detection and technical deliverables.

DEC 2018 – SEP 2022 · CAIRO, EGYPT

BIM Architect II Engineer

ECG – Engineering Consultants Group

Multidisciplinary BIM coordination, Revit model management, Navisworks clash detection and technical documentation across infrastructure, commercial and institutional projects.

DELIVERY APPROACH

A repeatable cycle: project setup and model standards → discipline authoring → federated review → issue identification and resolution → model health checks → controlled information delivery.

SELECTED PROJECT EXPERIENCE

Project environments

Selected projects from the portfolio. Project images are included for identification and context; they do not imply sole design authorship or ownership of the full project.



Electrical Express Train Stations

Infrastructure · Egypt

Selected portfolio project reference.



Jacob & Co. Beachfront Living

Residential · UAE

Selected portfolio project reference.



Knowledge City – New Administrative Capital

Institutional · Egypt

Selected portfolio project reference.



Madinet Masr New Headquarters

Commercial · Egypt

Selected portfolio project reference.

CONTACT

Let’s coordinate what comes next.

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This profile is a concise companion to the full online project portfolio and CV. Confirm project confidentiality and image permissions before external publication.