

AHMED M. ATTIA

BIM MANAGER

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PROFILE

A Resourceful BIM Manager with a proven track record of managing various BIM projects across different sectors. I have strong problem-solving skills with my enthusiasm for computational-aided design, and I adopt a wide range of initiatives to drive innovation through the provision of creative solutions. I'm responsible for implementing the BIM methodology in large-scale projects.

PROFESSIONAL EXPERIENCE

Al Firas General Contracting L.L.C, UAE

2025-PRESENT

Role | BIM MANAGER

Projects |

- 174 VILLAS PROJECT -RESIDENTIAL
- SHA EMIRATES PROJECT -RESIDENTIAL

- Led the successful implementation of BIM methodologies across large-scale residential projects, ensuring alignment with project-specific standards and UAE regulations.
- Developed and managed BIM workflows using both local servers and cloud platforms like Autodesk Construction Cloud (ACC) to meet client and consultant requirements.
- Prepared BIM models in required formats (IFC, NWC, COBie, etc.) for coordination, review, and quality checks as per consultant requests.
- Implemented practical coordination strategies using Navisworks and Revit to detect and resolve clashes between disciplines.
- Followed up regularly with site engineers, subcontractors to ensure the BIM model reflects the latest site conditions.
- Customized and maintained BIM templates, shared parameters, and naming conventions to match project data requirements.
- Developed and maintained BIM Execution Plans (BEPs) aligned with project goals and team capabilities.
- Managed model validation processes, ensuring models are LOD-compliant and suitable for construction and as-built documentation.
- Working on BIM development and data exchange standards across trades, including support for VDC integration.
- Provided support and training for site teams and subcontractors on BIM processes and model usage.

Studio Aisslinger, German

2024

Role | BIM COORDINATOR & BIM MANAGER |REMOTE

Projects |

- TEROJENA SKI VILLAGE-NEOM -MIXED USE

- Managed and coordinated BIM workflows with the interior design team to ensure the model met all design requirements and consultant expectations.
- Developed over 500 custom Revit families aligned with NEOM standards and project-specific data requirements.
- Trained and supervised a team of 30 designers and BIM users to boost productivity and improve modeling quality.
- Ensured that all models and families complied with NEOM's BIM guidelines, consultant comments, and the approved BEP.
- Implemented and maintained a structured CDE (Common Data Environment) for model exchange, version control, and information security.
- Customized BIM templates, naming conventions, and parameters to match the project's specific workflow and data structure.
- Collaborated with international teams across time zones to maintain continuous coordination and model updates

Joe Miles Architect, London

2021-2023

Role | *BIM COORDINATOR & PROJECT ASSISTANT ARCHITECT | REMOTE*

Projects |

- | | |
|-------------------------------|--------------|
| • 58 SCRUTON STREET (453 sqm) | -COMMERCIAL |
| • 20 DONOVAN AVENUE (200 sqm) | -RESIDENTIAL |
| • AVENUE HEIGHTS (87 sqm) | -MIXED USE |
| • 44 BALLARDS LANE (519 sqm) | -COMMERCIAL |
| • MILDMARY COURT (798 sqm) | -MIXED USE |

- **BIM Implementation:** Successfully implemented BIM methodologies and workflows, establishing project-specific BIM requirements and standards.
- **BIM Modeling:** Created and managed a significant number of BIM models, focusing on accuracy, detail, and associated data attributes, while also producing high-quality architectural drawings.
- **Documentation Management:** Skillfully managed project documentation, including tender and construction documents, producing over 400 sheets with precision and adherence to standards.
- **Design Support:** Provided valuable design support to the architectural team, contributing to concept development, design iterations, and the production of high-quality drawings, sketches, and models.
- **Involvement in All Building Process Stages:** Played a pivotal role from concept development to construction, ensuring design integrity and successful project delivery.
- **Problem Solving:** Exhibited exceptional problem-solving abilities, addressing design challenges, resolving conflicts, and implementing innovative solutions to ensure successful project outcomes.

Verspro Ltd, London

2022

Role | *BIM SPECIALIST & INTERIOR DESIGNER | REMOTE*

Projects |

- **Concept design:** 12 Projects
 - Ringo Housing Cooperative
 - 226-Meena S
 - 248-Nick and Simone W
 - 255-Donna W
 - 257-Vic and Emma G
 - 26-Mandy.
- **Planning and Working drawings:** 6 Projects
 - 267-Anita
 - 249-Sergi TF
 - UK011-Karen.

- **Existing Case Modeling:** Utilized point cloud data and Matterport laser scans to accurately model the existing conditions of the project. Created detailed BIM models that captured the precise measurements and characteristics of space.
- **Interior Design:** Developed multiple design options to meet the unique requirements and preferences of clients. Presented visually compelling and comprehensive design proposals for spatial layouts.
- **Visualization and Rendering:** Utilized advanced visualization tools to create realistic renderings and visualizations of interior spaces.

Kaitech, CAIRO

2019-2022

Role | BIM ARCHITECT & COORDINATOR

Projects |

- | | |
|--|-------------------------|
| • OWEST THE NEW CITY- 6OCT, EGYPT | -COMMERCIAL&RESIDENTIAL |
| • ART ISLAND ELGOUNA- ELGOUNA, EGYPT | -RESIDENTIAL |
| • EIPICO FACTORY- 10TH OF RAMADAN, EGYPT | -COMMERCIAL |
| • AL BARSHA SCHOOL- AL BARSHA, UAE | -LANDSCAPE |

- BIM Model Development: Led the development of BIM models for the first, second, fifth, and sixth districts of the Owest project. Created architecture BIM models for 20 different types, each with an area of 2000 m2/type.
- Clash Detection and Avoidance: Utilized Navisworks for clash detection, identifying clashes and conflicts between various building elements. Developed clash avoidance strategies and collaborated with multidisciplinary teams to resolve clashes effectively.
- Coordination Data Extraction: Extracted coordination data from the BIM models, facilitating effective collaboration and communication among project stakeholders. Generated accurate quantity takeoffs and reports to support cost estimation and procurement activities.
- Process Development and Automation: Leveraged Dynamo for Revit to develop and automate various BIM processes. Streamlined workflows, reducing manual efforts and enhancing productivity within the BIM environment.
- Shop Drawings: Produced detailed shop drawings based on the BIM models, providing clear and precise instructions for manufacturing and construction processes. Developed accurate drawings that showcased dimensions, materials, finishes, and assembly details to guide fabricators and contractors.
- Data Management: Developed strategies for efficient data management within BIM projects, ensuring accuracy, consistency, and informed decision-making.

EDUCATION

Modern Academy. EGYPT

2019

B.Sc. in Architecture and Engineering

SOFTWARE PROFICIENCY

- | | | | |
|----------------------|--------------------|-----------------|---------------------|
| • BIM | • MODELING | • VISUALIZATION | • GRAPHIC |
| ○ AUTODESK REVIT | ○ RHINO | ○ LUMION | ○ ADOBE ILLUSTRATOR |
| ○ NAVISWORKS | ○ GRASSHOPPER | ○ ENSCAPE | ○ ADOBE PHOTOSHOP |
| ○ DYNAMO | ○ AUTODESK AUTOCAD | ○ VRAY | ○ ADOBE INDESIGN |
| ○ ACC | ○ 3DS MAX | ○ UNREAL ENGINE | ○ ADOBE PREMIERE |
| ○ RHINO INSIDE REVIT | ○ SKETCHUP | | ○ ADOBE AFTEREFFECT |

LANGUAGES

- ARABIC (NATIVE SPEAKER)
- ENGLISH (ADVANCED)