

# Eslam Ebrahim Hamoda

Mechanical / BIM Coordinator

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Makkah, Saudi Arabia

## EXPERIENCE



### BIM Coordinator

03/2025 - Present

Orbits

Makkah, Saudi Arabia

#### Key Responsibilities and Achievements:

- **BIM Leadership:** Leading the implementation and enforcement of BIM standards and workflows across multiple MEP projects, ensuring consistency, quality, and alignment with project goals.
- **Team Management:** Supervising and mentoring a BIM team, distributing workloads, reviewing outputs, and ensuring timely coordination with other disciplines.
- **Laser Scanning Coordination:** Managing the integration of laser scanning data (Point Clouds) into BIM workflows using Autodesk ReCap and Revit, ensuring accurate as-built models and supporting retrofit projects.
- **Model Integrity & Management:** Overseeing model federation, file naming compliance, version control, and updating models in line with construction phases.

#### Project Experience:

Adahi Project (أضاحي) Complete MEP Coordination & Scan Integration



### BIM Coordinator

03/2023 - 03/2025

Khatib & Alami

Cairo, Egypt

#### Key Responsibilities and Achievements:

- **BIM Implementation:** Developed and implemented comprehensive BIM standards and protocols, ensuring consistency and efficiency across project teams.
- **Clash Detection and Resolution:** Utilized Navisworks to proactively identify and resolve clashes, significantly reducing construction delays and cost overruns.
- **Interdisciplinary Collaboration:** Facilitated seamless collaboration between design, engineering, and construction teams, fostering effective communication and coordination.
- **Model Management:** Maintained accurate and up-to-date BIM models, contributing to on-time project delivery and informed decision-making.
- **Quality Assurance:** Conducted rigorous quality control checks, identifying and resolving potential issues before construction.
- **Team Development:** Provided training and support to team members on BIM software (Revit) and processes, enhancing overall team competency.
- **Documentation and Reporting:** Maintained detailed project documentation and generated comprehensive reports on progress and clash resolutions.
- **Industry Trends:** Stayed current with the latest BIM trends and technologies, proposing innovative solutions to improve project efficiency.

#### Project Experience:

- Jeddah Stadium Project | Jeddah Central Development Company (JCDC)
- Soul town locanda hotel & service apartments
- Cairo gate town square phase 2
- Tanajib camps -Al Koubar, KSA
- Aqalat(KATC) -Riyadh, KSA.
- Haradh & Wudayhi Bachelor Camp
- Expansion Red sea shura Hotels, KSA
- Lemar Commercial Complex
- Riyadh Municipalities Project, KSA
- Design of Admin Building and Customer Experience Center

## SUMMARY

Ambitious BIM Coordinator seeking an opportunity to utilize and further develop my skills within a collaborative organization. Committed to building a long-term career in BIM and contributing to the success of complex projects.

## LANGUAGES

Arabic Native ●●●●●

English Advanced ●●●●●

## SKILLS

#### Technical Skills:

- Revit
- Navisworks
- AutoCAD
- Ductsizer
- HAP

• Microsoft Office Suite (Word, Excel, PowerPoint)

#### Soft Skills:

- Teamwork
- Organizational
- Communication

#### Additional Qualifications:

- Driving License



## BIM Mechanical engineer Project ADVISOR

12/2021 - 03/2023

Cairo, Egypt

### Key Responsibilities

- Developed and maintained accurate and coordinated BIM models for mechanical systems using Autodesk Revit
- Performed comprehensive clash detection using Navisworks, identifying and resolving conflicts between architectural, structural, and MEP disciplines
- Collaborated effectively with design and engineering teams to ensure seamless coordination and conflict-free design
- Prepared and submitted MEP models for approval, ensuring adherence to project specifications
- Coordinated and ensured proper installation of all MEP systems through detailed shop drawings
- Maintained clear communication with project stakeholders, including managers and engineers, throughout the project lifecycle
- Attended project kick-off meetings and actively implemented agreed upon action items
- Leveraged strong knowledge of mechanical systems like ducting, piping, drainage, and fire protection for efficient design and coordination

### Project :

- FOUR SEASONS MIXED-USE RESIDENTIAL HOTEL at AL SHATEA JEDDAH, KINGDOM OF SAUDI ARABIA



## Site Engineer TIBA Company

04/2021 - 12/2021

El Sheikh Zayed, Egypt

### Key Responsibilities:

- Interpreted and reviewed architectural drawings, conducting site visits to verify design feasibility
- Performed accurate as-built surveys of the site, ensuring compliance with design specifications
- Designed air duct and chilled water piping systems, optimizing sizing and pathing for efficient operation
- Collaborated with on-site teams to review proposed designs and facilitate project inventory creation
- Prepared detailed shop drawings for approval by consultants, incorporating site-specific information and material quantities

### Projects:

- All ABRAR Hotel, Saudi Arabia  
Royal Tibarroz Hotel (Air Defense House), New Administrative Capital, Egypt  
Medical Center, Al Rehab City, Egypt
- Hubcon Office, 6th of October City, Egypt

KAITECH

## BIM Engineer

11/2020 - 02/2021

Kaitech ( KAITECH BIM Training Programs ) Cairo, Egypt

- Revit Mechanical Modeling and Workshop Drawings
- Coordination between disciplines (Arch-STR-MEP)
- Clash detection and preparing clash reports
- Project documentation (time schedule, design drawings, BOQ)
- Completed program: HVAC Design

## EDUCATION



## Zagazig University

Zagazig, Egypt

### • Bachelor in Mechanical Power Engineering

| 2014 – 2019 |

Graduation Project: "Design of HVAC System for Mall"

(Excellent Grade)