

# OMAR SELIM

BIM Director

ACP - ACI - RICS - Master's degree at Universitat de Barcelona

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## Summary of Qualifications

Accomplished BIM Director with a 19-year history of successfully leading complex projects and driving digital transformation across Egypt, Qatar, and Saudi Arabia.

Proven expertise in developing and implementing innovative BIM strategies that optimize project delivery, reduce costs, and enhance stakeholder collaboration.

Possessing a deep understanding of industry standards (ISO 19650, COBie, IFC) and emerging technologies (AR/VR, AI, Digital Twins), I have a successful track record of training and leading high-performing BIM teams.

Skilled in knowledge of change management, risk mitigation, and business development, I deliver measurable results and exceed client expectations.

## Membership

CANBIM - BIM AFRICA - Engineers for a Sustainable Egypt - IBPSA-Egypt

## Key Strengths

- **Industry Thought Leadership:**

Recognized industry expert with a deep understanding of BIM standards and emerging technologies. Proven ability to influence industry trends and best practices.

- **Strategic Vision:**

Proven ability to align BIM strategies with business objectives, driving innovation and growth.

- **Business Performance:**

Demonstrated success in optimizing project profitability, resource allocation, and financial management through BIM implementation.

- **Organizational Transformation:**

Proficiency in leading digital transformation initiatives, developing a culture of innovation, and implementing process improvements.

- **Client Leadership:**

Proven ability to build strong client relationships, exceeding expectations, and deliver exceptional project outcomes.

## Technical Skills

Demonstrates a high level of technology understanding and its impact on business and engineering industry.

- Developing and implementing cutting-edge BIM strategies aligned with organizational goals.
- Innovating the adoption of AR/VR, AI, and Digital Twins for enhanced project delivery and innovation.
- Ensuring compliance with industry standards (ISO 19650, COBie, IFC) and driving best practices.
- Utilizing Python, Dynamo, and other tools to streamline workflows, improve efficiency, and reduce costs.
- Applying BIM data analytics to inform strategic decisions, optimize project performance, and identify cost-saving opportunities.
- Expertise in BIM for infrastructure projects, including digital twin development and "Internet of Things" integration.

## Education & Certificates

- Master in Global BIM Management for Infrastructure Projects The Universitat de Barcelona
- RICS Certificate in Building Information Modelling - Project Management.
- BRE.AC Certificate in BIM Management. (BIM Level Two maturity Level, BIM Management, BS & PAS Standards, Strategy, and Execution Plan).
- CGWAY Academy Advanced diploma in architectural visualization – 2005.
- EXCELLENT WAY, Egypt. Architecture Diploma (Green Arch/LEED-energy model-parametric design).
- Autodesk Building Performance Analysis.
- DIPLOMA IN ARTIFICIAL INTELLIGENCE from uniathena
- Science Research Diploma (with honors) from Stradford International College

- Revit (Architecture- MEP- structure) Certified Professional
- AutoCAD Certified Professional.
- Building Information Modeling 101&202 from Taylor's University.

## Portfolio

[omar selim](#)

## Personal Information

- Date of Birth: JAN 01, 1984
- Nationality: Egyptian
- Civil Status: Married with 3 Children
- Residency: Work Visa - Qatar (transferable)
- Language: Arabic (Native), English (Good).
- LinkedIn: [www.linkedin.com/in/omarslm](http://www.linkedin.com/in/omarslm)

## Achievement

- Founder and General Manager of BIMarabia.
- Member of Management of the Institute of Construction and Project Management for Al Darayn Academy.
- Moderator of BIM SECTION in ARAB Engineers Forum (<http://www.arab-eng.org/vb> )
- Technical Books writer and publisher about engineering software and technologies such as Way to BIM, Sketch up, NavisWorks , AutoLISP , Quantity take-off, Magicad, Art of Architecture and artificial intelligence

# EXPERIENCE

## BIM Director

### CICO Consulting Engineers

*Doha, Qatar: May 2022 – until now*

- Contributed to the development of BIM requirements and SOW for RFPs and contracts, ensuring alignment with project goals and financial expectations.
- Provided training and support to staff and engineering departments, developing a culture of BIM adoption and best practices.
- Developed comprehensive BIM documentation and strategy, including execution plans, BIPs, PIPs, OIRs, and EIRs.
- Monitored team progress, coordinated with stakeholders and clients, and ensured BIM model health through regular clash detection and analysis.
- Created standardized BIM templates, families, and workflows to streamline project delivery.

- Provided troubleshooting and problem-solving assistance for BIM models and families.

### Projects

- Doha Beach Club-UCC
- Brothers Villa
- Al Sadd Plaza

## BIM Director

### REDCO

*Doha, Qatar: June 2019 – February 2022*

- Strategic BIM Director leading a team of 45+ professionals in achieving BIM Level 2 certification, ensuring seamless transition to FM operations.
- Demonstrated deep expertise in Autodesk Revit MEP, Structure, and Architecture packages. Developed custom Revit families and training materials, serving as the sole instructor for company-wide training sessions.
- Created advanced and intelligent Revit content, including complex nested families with formula-based approaches. Utilized Revit and Navisworks for efficient model coordination and clash detection.
- Implemented COBie and asset management models for data-driven decision-making and long-term asset management.

### Projects

- Lusail Commercial Boulevard Design And Build Of Mixed-Use Buildings
- Commercial Boulevard District (CBD)

## Research Assistant

### Qatar University

*Doha, Qatar: June 2019 - October 2019*

As a Research Assistant at Qatar University, I contributed to a comprehensive study evaluating the value of BIM implementation in Qatar and its impact on the local engineering market and industry. My responsibilities included:

- Data Collection: Gathering and analyzing data on BIM adoption rates, project outcomes, and labor market trends in Qatar.
- Research Analysis: Assisting in the development and execution of research methodologies to assess the economic and social benefits of BIM.
- Report Writing: Contributing to the preparation of research reports and presentations summarizing the findings and recommendations.

## BIM Manager

- Create and implement BIM strategies aligned with the firm's overall business objectives.
- Manage and mentor BIM teams, ensuring they have the necessary skills and resources to deliver high-quality work.
- Research and implement appropriate BIM software and technologies.
- Develop and enforcing BIM standards, guidelines, and workflows to ensure consistency and quality.
- Provide training and support to staff on BIM tools, processes, and best practices.
- Collaborate with project teams to integrate BIM into project workflows and ensure successful delivery.
- Review BIM models and deliverables to ensure they meet project requirements and quality standards.
- Communicate and coordinate with clients, architects, contractors, and other stakeholders to ensure effective BIM collaboration.
- Developed and implemented BIM strategies aligned with organizational goals and industry best practices.
- Led BIM teams in creating and managing 3D models, drawings, and documentation.
- Collaborated with architects, engineers, and contractors to ensure seamless BIM integration.
- Implemented BIM processes and workflows to improve efficiency and productivity.
- Conducted BIM training and mentoring for project teams.
- Managed BIM budgets and resources effectively.
- Ensured BIM compliance with relevant standards and regulations.
- Prepare BIM Strategy, BIM Execution Plan, BIM Standards & BIM Guidelines as per client requirements
- Creating Employer's Information Requirements (EIRs), which is a document outlining the client's needs, and making sure that every team member knows what they need to do.
- Make sure that the contractual documents and employer requirements have been understood and followed by all team members.
- Work with the construction team to identify the problem at an early stage and solve it before the work commenced on site.
- 4D planning and scheduling.
- Work with the design manager/team for the RFI issuing presses.

- Make sure all the team understood the scope of work.
- Setting up and managing a CDE and aligning the BIM workflows.
- Assisting estimators and quantity surveyors.
- Managing the model-changing process, and make sure that all changes are controlled and recorded by issuing a CRF (changing request form) by the subcontractors.
- Managing the BIM service providers and subcontractors, checking the models, and making sure they submit the required deliverables on time with the required quality and as per client requirements.
- Responsible for design team compliance with the Project BIM Standards\ BIM execution plans.
- Managing the training process for the BIM / Design Team.
- BIM Coordination / Clash Prevention, daily management of BIM project data sets/workflows and Project setup, Interrogation of the design input of the model to identify clashes and produce and manage a cash register.
- Information Management – Liaise with the Project Document Controller to ensure that the right people get the right information at the right time.
- Quality – Produce an audit procedure and schedule to ensure the model complies with standards and client requirements.
- Manage and maintain project content and source additional content for project teams.
- Prepare COBie and asset management information.
- Prepare Models from LOD100 up to LOD 500 and generate architectural shop drawing / As-built drawings in a BIM environment.

## Focus Design Partners

*Doha, Qatar: May 2019 – June 2019*

### Project

- National Health Laboratories (NHL)

## APG -Architecture & Planning Group

*Doha, Qatar: June 2017 – May 2019*

### Project

- Strategic Food Security Facilities (SFSF)

## EHAF Consulting Engineers

*Doha, Qatar: June 2016 – June 2017*

### Project

- Kahrab Twin Towers Com 53 in Marina District – Lusail.

- Khriyat Majlis and Mosque
- Al Hitmi Plaza, Office Building, Qatar.
- Lusail Com 18 Office Tower, Qatar.
- Mix-11 Hotel and Residential Apartment-Mixed Use, Qatar.

## UCC (Qatar) (JUL 2013 – Mar 2016)

- Mall of Qatar is a new 4,176,000 square foot (GBA) shopping center currently
- [Traffic Control Center:](#)
- Kahramaa, UNION Towers

## Saudi Diyar Consultants

Cairo, Egypt: June 2012 – Jun 2013

Project

- Ministry Of Interior KAP3

## Signature

Cairo, Egypt: JAN 2010 – May 2012

Project

- SAVANNA RESORT
- Sky hospital

## Allied consultant

Cairo, Egypt: August 2008 – December 2009

Project

- ASFOUR HOSBITAL ,EGYPT

## Crown home

Cairo, Egypt: Jan 2005 – Jul 2008

- NATIONAL MUSEUM OF EGYPTIAN CIVILIZATION- Egypt
- Shamiyah Expansion Building Of Holy Haram, Makkah
- JABAL OMAR Hotel
- Katamya Dunes, EGYPT, PYRAMIDS HILLS - NETWORK ) - Egypt
- Nile Corniche Towers
- Lam Tara Twin Towers – Dubai – UAE
- District Cooling Plant Tecom C1&2, UAE
- Al-Saadon Tower (K.S.A.)

## BIM Instructor:

-Fusion training center. ( certified center from Autodesk )

-Niqat Center. - Excellent way center -Aldarayn Academy  
 -Galaxy-Academy - Egyptrol company  
 -Construction design company.

## REFERENCE

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