

# Aws Abdulfattah

Architect, Masters in BIM

Palestine Street, Baghdad, Iraq  
+964 773 738 0400  
awsdang@gmail.com  
LinkedIn | Aws Abdulfattah

I am an Architect and a student in an advanced European BIM master. I am interested in automation, digitization and mixing it with architecture and construction.

Within my past experiences working on 65 high-end residential projects, I acquired expertise in concept developing, design authoring, coordinating, reviewing and, construction planning. I have led a team and aspired them to digitization and automation by generating new design processes that reduce wastes and save time and resources.

## Experiences

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### Mutaa Al- Hashimi Registered Iraqi Architectural and Engineering Consultancy

#### Senior Architect

Jan/2021 - Oct/2021

- Set BIM Standards for the company in design and construction and introduced ISO-19650 to the company's first BIM template and guide.
- Improved the firm's project design processes by developing a script that automates scheduling. This script cut 1 working day per project.
- Prepared a new collaboration channel (BIM 360) with site engineers that cut down about 75% of phone calls (the company's old method of communication).
- Led a team of 3 architects to deliver 20 high-quality architectural projects.
- Built the capacity of 3 new talents to use and improve the scripts also generate new ones.

#### Architect

Oct/2019 – Jan-2021

- Created scripts that automated and streamlined several daily tasks that saved up to 50% of time and effort compared to the manual execution.
- Managed schedules and deliverables for 65 projects and followed up with architects and engineers to finish within deadlines.
- Participated in 45 projects of various types and assured the firm's well-known luxury and quality reputation for all the projects.

### Al-Riyad Group Iraq's #1 company in power, lighting, and electrical control systems

#### Architect

Jul/2017 – Oct/2019

- Guided the vision to update and fit 4 showrooms with an elegant and cost-efficient interior design. That design was modular, reusable and, easy for logistics.
- Developed a design process for the company's showrooms. This process is implemented in 9 showrooms.
- Designed 5 custom made chandeliers for public spaces and halls.

## Education

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### BIMAPLUS European Master's in Building Information Modelling

#### Master Of Science Student, M.Sc. BIM A+

Oct/2021 - Present

BIMAPLUS is a joint European master's (Erasmus Mundus Program) between:

- University of Minho (Portugal).
- University of Ljubljana (Slovenia).
- Politecnico di Milano (Italy).

These 3 universities' program offers me an advanced education on BIM integration in building projects and focus on the collaborative practices in the AEC industry.

### UOT Architectural Engineering,, University of Technology

#### Graduate, B.Sc. Architectural Engineering

Oct/2012 - Jul/2017

I am a graduate of the class of 2017 ranked 16th of 65 students with Avg. 72.69

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## Skills

### Soft Skills

Processes Writing and Implementing  
Assess the Right Level of Detail  
Research and Analytical Thinking  
Solving Complex Problems  
Focus on Practical Goals  
Networking and Collaboration

### Architecture-Specific Skills

Generative Design and Conceptualization  
Analyze Program Requirements  
3D Design and Modelling  
3D Visualization and Postproduction  
Animations and VR Visualization  
Design Reviewing  
Construction Planning

### BIM Specific Skills

BIM Data Management  
BIM Execution Plan Writing (BEP)  
BIM Models Authoring & Coordination  
Quantity Take Off (QTO)  
Author Scheduling (4D BIM)  
Author Cost Estimate (5D BIM)  
Systems Interoperability (CDE)

## Certificates

<b>edX</b>	NUS: DSBE001x Data Science for Construction, Architecture and Engineering	Jun/2022
	GHD1x: Global Housing Design, Delft University of Technology.	Apr/2022
<b>Dar Al-Takamul</b>	PMP, Project Management Professional Training Course	Jul/2018
<b>Knauf</b>	Dry Walls & suspended Ceilings Precast Systems	Jul/2016
<b>UOT</b>	Autodesk Revit Proficient User, University of Technology, Iraq	Oct/2014

## Activities

Volunteer at **Ministry of Infrastructure Development, UAE** Apr/2020 - Jun/2020

An online voluntary program aimed to build the most suitable house for Emiratis

- Identified the real needs of the 4 families and their financial ability and planed their houses accordingly.
- Established direct connection with 4 clients in UAE.

Volunteer at **Ministry of Construction and Housing, Iraq** Aug/2014 - Sep/2014

A month-long workshop as an initiative to integrate BIM usage within the ministry

- Introduced BIM to 1% of engineers of the ministry through a set of workshops.
- Guided the participants who had zero knowledge about BIM use.

## Portfolio

Please [Click Here](#) for a selection of my previous work and experiences. Or scan the QR code

