

# Curriculum Vitae

## Wael Abdelaziz Khalil Sharab

### Senior Mechanical Engineer

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Dubai, United Arab of Emirates

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#### PERSONAL INFORMATION

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Nationality : Jordanian  
Gender : Male  
Date of Birth : 12-1-1988  
Place of Birth : Amman, Jordan  
Marital status : Married  
Address : Dubai, United Arab of Emirates.

#### EDUCATION

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- **2006-2010** **University Of Jordan** **Amman, Jordan**
  - Bachelor's Degree in General Mechanical Engineering

#### LANGUAGES

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LANGUAGE	READING	SPEAKING	WRITING
Arabic	Excellent	Excellent	Excellent
English	V.Good	V.Good	V.Good

#### MEMBERSHIPS

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- May, 2017 **AHSRAE associated member** USA
- Jun, 2015 **Saudi Arabia Associated of Engineers** Saudi Arabia
- Jun, 2010 **Jordanian Associated of Engineers** Jordan

## WORKING EXPERIENCE

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- **Oct.2016– Until now**      **Jain & Partners Consultants**      **Dubai, UAE**  
Working on it as a Senior Mechanical Engineer
- **May.2014– May.2016**      **Drake & Scull international (DSI)**      **Riyadh, KSA**  
Working on it as Mechanical Design Engineer
- **Aug.2011– May.2014**      **Jain Consultants International(JCI)**      **Riyadh, KSA**  
Working on it as a Mechanical Design Engineer
- **Sep.2010 – Aug.2011**      **Universal Consulting Services(UCS)**      **Amman, Jordan**  
Working on it as a Mechanical Design Engineer

## DESIGN EXPERIENCE

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- **HVAC System**
  - Cooling and heating loads calculations
  - Air System, such as single and multiple zones, CAV and VAV Systems.
  - Air distribution systems.
  - Ventilation system.
  - Water – Air cooling and heating systems including AHU's, FCU's, Radiators, Fan Convectors & Under floor Panel heating systems.
  - Heat recovery system.
  - District cooling systems
  - Central kitchens and laundries services.
- **Sanitary and plumbing systems**
  - Domestic water supply and water distribution systems.
  - Sanitary and storm water drainage systems including direct and indirect wastes, venting and individual venting systems.
  - Grey water system.
  - Water treatment system.
  - Swimming pool.
  - Solar Thermal systems.
  - Fuel and gas systems.
- **Fire protection system**

## SUMMARY OF QUALIFICATIONS

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- **04/2018**      **ASHRAE High performance building design professional certification**  
Preparing for the certification and it will be under progress on May 2018
- **7/2011**      **Autodesk Revit 2011**      **Amman, Jordan**  
An introduction in Autodesk Revit how to calculate cooling and heating loads, drawing HVAC, plumbing and fire protection systems.

- **28/2/2010 - 8/3/2010**                      **Engineers Training Centre**                      **Amman, Jordan**  
 Pumps: Selection, Operation, Maintenance and Troubleshooting  
 An engineering course for selection, installation, machinery failure analysis, troubleshooting and maintenance of pumps and valves.
- **30/1/2010 - 20/2/2010**                      **Engineers Training Center**                      **Amman, Jordan**  
 Heating, Ventilation and Air Conditioning design training course  
 An engineering course for central heating system, ventilation and air conditioning and psychrometry depends on ASHRAE, CIBSE and Jordanian codes.
- **21/6/2009 - 13/8/2009**                      **Al-Asalah LG for Electro mechanics**                      **Amman, Jordan**  
 Trainee as an Air conditioning designer engineer and site engineer  
 Worked a many of projects of cooling and heating loads using HAP program and design a duct systems. On the other hand as a period of training I was participated on supervise the projects on the sites.

## PROJECTS

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- **Sports facilities projects**

  - **Al Wakrah Stadium**                      **Al Wakrah, Qatar**  
**A project of Jain & Partners**  
 A detailed design for full mechanical systems
- **Hotels and residential buildings projects**

  - **Kempinski hotel resort**                      **Dominica Republic**  
**A project of Jain & Partners**  
 A detailed design for full mechanical systems
  - **King Saud University (Endowments buildings)**                      **Riyadh, KSA**  
**A project of Drake & Scull international**  
 A Four towers buildings (B003, 005, 006 & 011), design and shop drawings for HVAC, drainage, plumbing and fire fighting systems.
  - **Crown Plaza Riyadh ITCC Hotel**                      **Riyadh, KSA**  
**A project of Contracting & construction Enterprises CCE as a sub-contractor**  
 A 90,000 sqm building, redesign, shop drawings and coordination stages of HVAC, drainage, plumbing and fire fighting systems.
  - **Al-Bustan Hotel**                      **Riyadh, KSA**  
**A project of Saudi Specialist Construction Limited SSCL as a sub-contractor**  
 A 30,000 sqm building, detailed design and shop drawings stages of HVAC and fire fighting systems.
  - **Lagoon Hotel And Resort (Al – Buhaira)**                      **Amman, Jordan**  
 A 200,000 sqm hotel, design a tender document stage of HVAC and plumbing systems.
  - **Edafah Hotel**                      **Riyadh, KSA**  
 A 30,000 sqm building, design a preliminary and detailed stages of HVAC, drainage, plumbing and fire fighting systems.
  - **C19 Sino Gulf residential tower**                      **Abu Dhabi, UAE**

A 40,000 sqm high rise building, design a concept and preliminary stages of HVAC, drainage and plumbing systems.

- **Dyafah Hotel** **Makkah, KSA**  
A 180,000 sqm building, design a concept stage of HVAC and plumbing systems.

- **Pharmaceutical projects**

- **Kharray Hospital** **Khartoum, Sudan**  
A 24,000 sqm general hospital, design a concept stage of HVAC, plumbing and medical gases systems.

- **Oum-Darman Hospital** **Khartoum, Sudan**  
A 24,000 sqm general hospital, design a concept stage of HVAC, plumbing and medical gases systems.

- **Arab Pharmaceutical Manufacturing (APM)** **Al-Salt, Jordan**  
A 10,000 sqm industrial building, design a detailed stage of HVAC system.

- **Offices building projects**

- **ITCC Project-17 Parcels** **Riyadh, KSA**  
**A project of Drake & Scull as a sub-contractor**  
A Group of 17 buildings redesign, shop drawing and coordination stages of HVAC, drainage, plumbing and fire fighting systems.

- **King Abdullah Petroleum Studies and Research Center (KAPSARC)** **Riyadh, KSA**  
**A project of Drake & Scull as a sub-contractor**  
A petroleum studies and research center building, QC/QA for mechanical systems.

- **Educational building projects**

- **Akoya Nursery** **Dubai, UAE**  
**A project of Jain & Partners**  
A detailed design for full mechanical systems

- **Other types of projects**

- **Deep tunnel storm water main station** **Dubai, UAE**  
**A project of Jain & Partners**  
A detailed design for full mechanical systems

## **PROGRAMS AND TOOLS**

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- Autodesk Revit MEP
- AutoCAD
- Hourly Analysis Program (HAP 4.91)
- McQuay tools
- RET Screen
- Microsoft office

## **REFERENCES**

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Available upon request