



# Mohammed Al-Zubaidi

## Personal Information

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**Name:**

Mohammed Ayad Ali Al-Zubaidi

**Date of Birth:** 28/9/1994

**Address:** Babil - Iraq

**Marital Status:** Single

**Nationality:** Iraqi

**Phone:**

(+964) 773 653 1064

**Email:**

[iayad978@gmail.com](mailto:iayad978@gmail.com)

## Specialization

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**Major:**

Mechanical Engineering

**Minor:**

Energy Conversion

## Education

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**2019-2022**

❖ M.Sc. in Mechanical Engineering / Energy Conversion, Ferdowsi University of Mashhad, Mashhad, Iran.

**Thesis Title:**

*"An Experimental Investigation on Compression Ignition Engine Performance and Emissions Fueled by Algae Biodiesel – Diesel Blends"*

**GPA:** 81.6

**2013-2016**

❖ B.Sc. in Engineering in Machinery Equipment Techniques, Al-Furat Al-Awsat Technical University, Technical College / Al-Musayyib, Babil, Iraq.

**Title of Graduation Project:**

*"Measuring the Torque and Number of Revolutions of a Four-stroke Gasoline Engine"*

**GPA:** 66.9

## Research Interests

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- Renewable Energy
- Internal Combustion Engine
- Algae Fuel

## Languages

Arabic 

English 

Persian 

## Online Courses

- *General Industry Safety and Health*, Osha Foundation for Comprehensive Development, Basra, Iraq (27/2/2022 to 9/3/2022).
- *English Language Skills*, Osha Foundation for Comprehensive Development, Basra, Iraq (1/3/2022 to 12/3/2022).
- *Design of Fire Fighting System*, Engosoft, Riyadh, Saudi Arabia (22/5/2022 to 2/7/2022).
- *Business to Business Sales*, LinkedIn (3/11/2022).
- *Soft Skills for Sales Professionals*, LinkedIn (5/11/2022).
- *Technical Sales: The Role of Sales Engineers*, LinkedIn (8/11/2022).
- *Design of HVAC System*, Engosoft, Riyadh, Saudi Arabia (16/11/2022 to 28/12/2022).
- *Design of Plumbing System*, Engosoft, Riyadh, Saudi Arabia (12/2/2023 to 5/3/2023).

## Work Experience

**8/2023-present**

**Assistant Lecturer** / University of Warith Al-anbiyaa, Karbala, Iraq.

- Teaching Thermodynamic2 & Computer applications (Solidworks), at Department of Air Conditioning and Refrigeration Engineering Technology.

**6/2023-8/2023**

**Mechanical Engineer** / Al\_Tiqany Company, Baghdad, Iraq.

- Firefighting system designer and supervisor, and sales engineer.

**2/2023-6/2023**

**Mechanical Engineer** / Smart Business Technology Company, Baghdad, Iraq.

- Firefighting system designer and supervisor, and sales engineer.

**4/2022-1/2023**

**Mechanical Engineer** / Imam Hussein Holy Shrine Institute, Karbala, Iraq.

- Design and supervise the firefighting system.

**1/2018-4/2018**

**Mechanical Engineer** / Al-Rasikh and Al-Marjal Company, Babil, Al-Musayyib, Iraq.

- Work on turbines (turbine maintenance) at Al-Musayyib Electrical Power Station.

**6/2017-7/2017**

**Supervisor** / Al-Mahaweel Brick Factory, Babil, Mahaweel, Iraq.

- *Design of low current System, Engosoft, Riyadh, Saudi Arabia (24/5/2023 to 26/6/2023).*
- *Design of Mechanical Shop Drawing System, Engosoft, Riyadh, Saudi Arabia (27/5/2023 to 10/6/2023).*

## Personal Skills

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- Design mechanical device projects.
- Work in 3D design (computer-aided design).
- Solve problems using mechanical or thermal devices.
- Work on a team.
- Provide technical advice.
- Work effectively under pressure.
- Proactive and willing to take on new challenges.

1/2017-5/2017

**Mechanical Engineer** / Municipality of Al-Imam, Babil, Iraq.

## Technical Skills/Softwares

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- Microsoft Office Suite (**Word, Excel and PowerPoint**)
- **AutoCAD** (A computer-aided design software)
- **Maple** (A software tool for math, data analysis, visualization and programming.)
- **Solid Works** (A solid modeling computer-aided design and computer-aided engineering program.)
- **EES** (General equation-solving software)
- **Tekla** (Structural design software)
- **Elite** (Plumbing and fire protection design software)

## References

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- Asst. Prof. Dr. Duraid Fathi Maki  
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College of Engineering,  
University of Babylon, Iraq.  
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- Assoc. Prof. Dr. Mohammed Hatami  
Department of Mechanical Engineering,  
College of Engineering,  
Ferdowsi University of Mashhad, Mashhad, Iran.  
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