

# CV

**Objectives:** To secure a challenging position in Engineering Collages or consultancy company where can I utilize experience to meet corporate objectives and advance my career.

**Personal Data: FAMILY NAME**

د. مقداد حياوي رحمن أبو رغيف

**PLACE OF BIRTH**

بغداد حي القاهرة

**NATIONALITY**

عراقي

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## Qualifications : المؤهلات

- PhD in Mechanical Engineering (Power Aircraft) since October 2003 University of Technology/ Baghdad.
- MSc.in Mechanical Engineering (Power Aircraft) in 1997 University of Technology/ Baghdad.
- BSc. In Mechanical Engineering on July/1989, University of Technology Baghdad.

## Career Profile: الخبرة الاكاديمية والعلمية

*Present : Flight Technical Engineering Department Chief / AlFarahid University as Lecturer*

*2015-2018* Consult in Swedish centre AB Company for Solar and Environment Technology

*10/97- 2011* Lecturer *in the following Universities*

Course	University/DEPARTMENT	Year
Numerical & Engineering Analyses	Mechanical/Col. of Engineering/ Un. Of Kofa كلية الهندسة جامعة الكوفة	2001-2003
Numerical & Engineering Analyses	Mechanical/Col. Of Engineering/ Un. Of Babylon كلية الهندسة جامعة بابل	1999-2001
Numerical Analyses And heat transfer	Mechanical/Col. of Engineering/ Un. Of Kuofa/PG studies كلية الهندسة جامعة بابل	2002
Fluid Dynamic and Thermodynamics	Un. of Technology/Depart. Of Mechanical Engineering الجامعة التكنولوجية	1997-1999
Eng. Mathematics and heat transfer	Al Rafden Collage كلية الرافدين الجامعة	2004-2006
Aero engine and turbomachinery	Navigation Institute /Sweden معهد الطيران المدني(السويد)	2009-2015
Aircraft Engine and jet Propulsion	<b>AlFarahidi University</b>	2018-present

- MEP Coordinator In Thermo Company in Dubai / UAE
- Supervisor of M.Sc. Student and B.Sc. In the subjects of solving the Engineering & Mathematical problems via using of CFD the Numerical method and its applications in the computer.
- Good skill in solving the complex Mathematical equation by using Fortran Language and the ready scientific programs.
- Good Research and Development (RND) experience, high level of comprehension, expertise in learning, setting training courses and managing research projects in a professional way.

Publishing several academic researches at **KUOFA** University and University of Technology like:

- 1- Selection of Optimum Expansion Ratio of gas turbine engine.
- 2- Numerical investigation of flow fields Combustion Chamber of gas turbine.
- 3- Study of noise emission from jet impingement of turbine blades.
- 4- Improving the Performance of the Turbohaft (TV3-117) Engine by Water Injection

**1994-1997 Ministry of Science and Technology (Flight Research center) /Researcher**

- Designing & developing piston engine test simulators platforms system of reciprocating engines via the computer.
- Designing & developing wind speed measuring system and using it in the aero-dynamic Lab (the wind tunnel).
- Designing and developing a laboratorial system for generating electrical power via using the energy of wind.
- Designing & developing a laboratorial electronic system for measuring the atmospheric conditions (pressure, temperature, and density).

**1991-1994 Ministry of Science and Technology /Asst. Researcher/ Developing the following special Researches and Projects:**

- Developing the turbo starter system used in the jet engines into a small jet engine that can be used in the small airplane
- Developing an electronic system for washing the jet engine used in generating the electricity power of (5MW) via hot oil.
- Designing, developing, and executing air intake made from fiber glass for a jet engine used in generating the electricity power.
- Designing & developing test platform system of jet engines used in generating the electricity power
- Executing Central Cooling System for platforms of jets engine equipments test.
- Designing & implementing small test equipment for jet engine parts during the operation of rehabilitation

**1989-1991 Junior Engineer in the following fields: (Ministry of Science and Technology)**

- Selected to serve in Aeronautical Research Centre and Developments, Iraq.
- Took a Local course of research concepts and Developments
- Participating in the research group with international experts from Brazil in designing and developing an automatic control system on the injected fuel into the jet engine used in generating electrical power.

▪ **Training Course** الدورات التدريبية

- Delegated to the Public of Republic of China on May 1990 and attending the course of automatic control.
- Attending in a course with experts from the ex-USSR in the automatic control field (1990)
- English language course (April 1993- July 1993) University of Baghdad
- Computer Course ( ECDL) 2019 Sweden .
- CAD 3D Solid Edge. Sweden 2009
- AutoCAD 10 Sweden
- Ansys 12 Sweden 2010
- Advanced Aircraft Analysis AAA USA 2013

**People could be referred to:** المراجع

- Dr. Jalal Mouhammad Jalil/ Professor  
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