

AHMED ALYAQOOBI

STRUCTURAL ENGINEER/LECTURER

PROFILE

Academic Lecturer in Civil and Structural Engineering.

An accomplished academic and professional structural designer with over fifteen years of experience in civil and structural engineering. Demonstrates comprehensive expertise in structural analysis and design, project quality assurance, and the integration of construction and design processes. Dedicated to advancing engineering education and promoting best practices in sustainable and resilient structural design. Aspiring to contribute to advanced academic research and professional development by leveraging my extensive engineering expertise and teaching experience. Seeking opportunities to further academic and research contributions in the field of structural engineering.

CONTACT INFORMATION

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Address:

Iraq- Thi-Qar, Nasiriyah

EDUCATION

UNIVERSITY OF BASRA

2012 - 2014

[M.Sc. Degree of Civil Engineering/Structures] **[V. GOOD]**

(Getting An Excellence Degree of Thesis Titled: Optimum Design of Tied Back Retaining Wall)

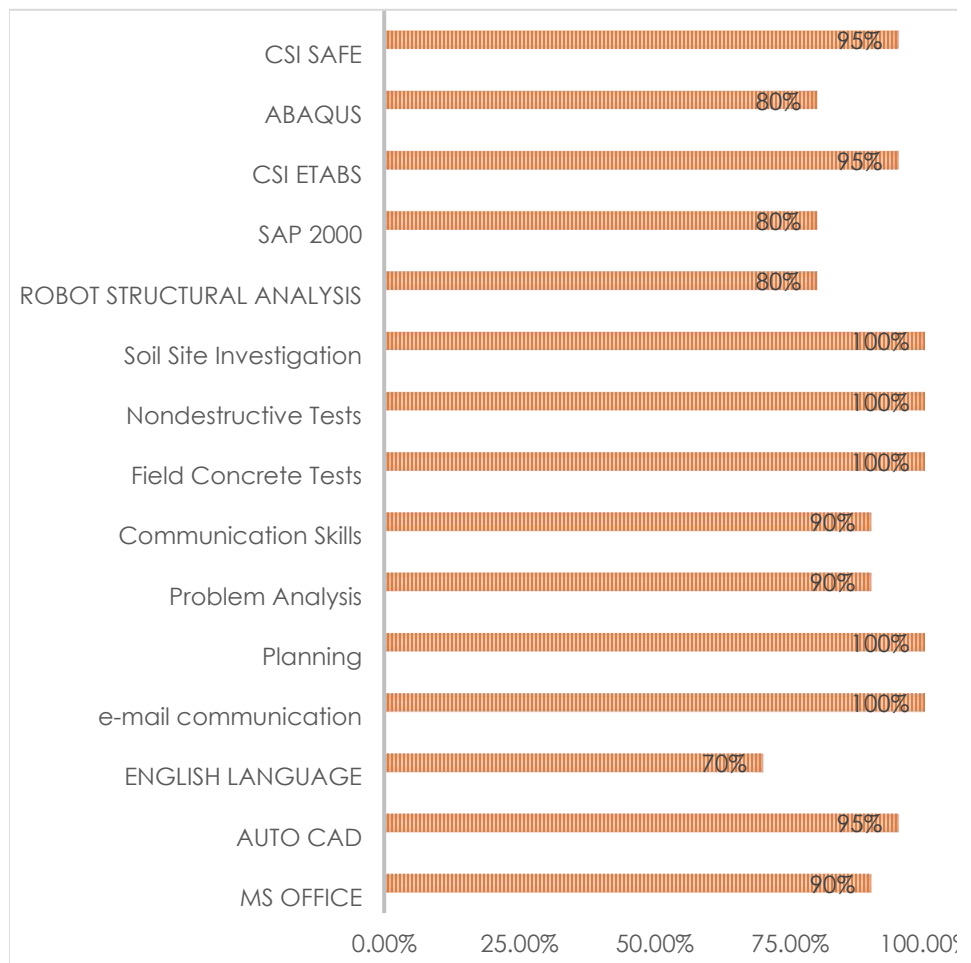
UNIVERSITY OF THIQAR

2007 - 2011

[B.Sc. Degree of Civil Engineering] **[V. GOOD]**

(Ranked 3rd student out of total students of engineering college)

SKILLS



PUBLICATIONS:

- Ahmed M. Alyaqoobi, and Mohammed F. Ojaimi. "Finite Element Analysis Of Shear Strengthening Rc Beams With External Steel Plates." (2025) "Final steps of Publication".
- Ahmed M. Alyaqoobi, and Mahmood J. Amhail Albraheemi. "Influence of different curing conditions on the mechanical properties of high strength self compacted concrete: Comparison with Normal Strength Concrete" (2025) "Final steps of Publication".
- Jasim, N. A. and A. Al-Yaqoobi. "Optimum Design of Tied Back Retaining Wall." Open Journal of Civil Engineering 06 (2016): 139-155.
- Khaldoon T. Falih and Ahmed M. Alyaqoobi. "Spatial Analysis of Educational Services Using GIS in Nasyirah City." Turkish Journal of Computer and Mathematics Education(2021) " Vol.12 No.3 (2021), 1974-1984".

ACADEMIC EXPERIENCE

Shatrah University/ Engineering Faculty **[Lecturer, Design Consultnat]**



[Materials Engineering Department] [DhiQar/Iraq]
December 2024–Present

- Teaching of Engineering Drawing-first stage through over educational year 2024-2025
- Structural Design Consultant and Steel Lab. Manager at Shatrah Consultant Burue Office

Thi-Qar University/ Engineering Faculty **[Guest Lecturer]**



[Civil Engineering Department-Evening Program] [DhiQar/Iraq]
December 2015–October 2019

- Teaching of Reinforced Concrete Design-forth stage through over educational year 2018-2019.
- Teaching of Applied Mathematics-second stage through over educational year 2018-2019.
- Teaching of Applied Mathematics-second stage/Engineering Mechanics-first stage through over educational year 2017-2018
- Teaching of Applied Mathematics-second stage/Engineering Mechanics-first stage through over educational year 2016-2017
- Teaching of Engineering and Structural Drawing-first stage through over educational year 2015-2016

Mazaya University College / Engineering Faculty **[Guest Lecturer]**



[Civil Engineering Department] [DhiQar/Iraq]
December 2015–December 2016

- Teaching of Building Construction Methods-second stage through over educational year 2015-2016
- Teaching of Engineering Mechanics-first stage, throughout the educational year 2015-2016
- Teaching of Structural Drawing-first stage, through over educational year 2015-2016
- Member of college maintenance committee

MEMBERSHIP

- ☐ Member of the Iraqi Engineering Union (Licenced Degree)
- ☐ American Concrete Institute ACI member
- ☐ Member in General Syndicate of Iraqi Trainers as a certified coach

HONORS/AWARDS/RECOGNITIONS

- ☐ American Concrete Institute certificate/UAE Chapter (Durability – How do we measure it?)
- ☐ American Concrete Institute certificate/Iraq Chapter (ACI 562-19: Code Requirements for Assessment, Repair, and Rehabilitation of Existing Concrete Structures)
- ☐ Thi-Qar DCEC of educational and academic qualification.
- ☐ Teaching Authority Certification from Thi-Qar University.
- ☐ IELTS Certificate B1 Band Level 2023
- ☐ TOEFL ITP 2014
- ☐ IC3 (Internet and Computing Core Certification).
- ☐ CSI Programs (ETABS, SAFE, SAP 2000)- German Board.
- ☐ Fluor Experience Recognition.
- ☐ WQ1 Safety Leadership Training
- ☐ The Fluor Code of Business Conduct and Ethics Training.
- ☐ ENKA Construction Company (Recommendation Letter)

Multi Specialist Consulting Bureau MSCB

[Design Consultnat] [Part Time] [Dhi Qar Univeristy /Iraq]
August 2019–Present



- Designing Commercial multi story building project (Shops and Housing)/ private sector in ALNasr district/Dhiqar.
- Designing of Students housing building project / Dhiqar university/ ministry of higher education
- Strength Evaluation of Existing Concrete Building/ ministry of Electricity /Dhiqar
- Towers Foundation checking/ ministry of Electricity /Dhiqar
- Secondary Schools 18 class rooms and 12 class rooms/ ministry of education/Dhiqar.
- Multi Purpose Hall/college of medicine/ Dhiqar / ministry of higher education
- Engineering Assessment for the Reinforced Concrete Bridge Connecting Highway #6 with Al-Shatra City/TOC/Ministry of Oil.
- Fountain Strucrural Design and Landscaping inside Thiqr university
- Designing Commercial multi story building (#6 stories) Medical center project)/ private sector at ALNasiriyah city/Dhiqar.
- Concrete Mix Design Calculation for different projects in Dhiqar.
- Concrete Material deviation evaluation for different projects in Dhiqar.

WORK EXPERIENCE

ALNimr Consulting Company

[Structural Designer] [Part Time] [Dhi Qar/Iraq]
June 2022–Present



- Structural Designing of Rifaaay Main Gate project/ Dhiqar Rebuilding Projects/Rifaay District/Dhiqar
- Preparing of landscaping BOQ of Rifaaay Corniche project / Dhiqar Rebuilding Projects/Rifaay District/Dhiqar
- Design General Plan of Plastic Recycling Factory project

OQC /Petronas Company

[Structural Designer] [Part Time] [Dhi Qar/Iraq]
May 2021–June 2022



- Provision Of Procurement, Construction And Handover Of Fifteen Precast Concrete Schools Project for Petronas Company and TOC /Dhiqar
- Design IT office for Petronas Company and TOC /Dhiqar /Rifaay District/Dhiqar

PERSONAL SKILLS

- ☐ Problem analysis, use of judgment and ability to solve problems efficiently.
- ☐ Clear communicator with good interpersonal skills
- ☐ Accuracy and Attention to details.
- ☐ Active listener with the ability to focus on customer requirements.
- ☐ Able to motivate the EPC contractor on the importance of safety.
- ☐ Familiar with ISO and OHSAS standards.
- ☐ Experience of working with multi-national and multi-cultural project teams.
- ☐ Highly motivated and self-reliant.
- ☐ Open thinker and innovator.
- ☐ Good communicator with a willingness to share knowledge and support others.
- ☐ Manage Contractor(s).
- ☐ Close interaction with Contractor's HSE Manager.

AlAlamiah Company For Consuting and Engineering Testing

[Structural Designer] [Part Time] [Dhi Qar/Iraq]

September 2022–October 2024

- Engineering Evaluation of an old building and taking the decision of adding new story with soil investigation and steel frame design for Oil Product Distribution company OPDC /Dhiqar
- Foundation Analysis Check for commercial multistory building in Shatra for Dhiqar Investment Company /Dhiqar
- Foundation Analysis Check for house units into investment housing project in Nasiryiah for Dhiqar Investment Company /Dhiqar



Ministry of Planning MOP

[Senior Engineer] [Dhi Qar/Iraq]

August 2016–2023

- Studying and approving the proposal infrastructure preprojects of Dhiqar province annually.
- Following up and supervising all the construction projects within the annaually developmental plan of Iraqi government for Dhiqar province.
- Participating in the regional development plan of Dhiqar province (Five Years Plan).
- Developing studies, researches, or reports about the construction projects and their relevant in order to improve their management techniques



ENKA Uk Construction Company [QA/QC Civil Lead]

ENKA



[Dhi Qar Combine Cycle Power Plant 750 MW Project] [Part Time]

[Dhi Qar/Iraq]

October 2017–December 2020

- Supervising all type of activities related to Civil & Structural such as (earthworks, concrete works, grout works, archtict works, ..etc.)
- Generate Inspection test Plans (ITP's) that to include the activities as detailed in the relevant sections of scope of work.
- Examine and inspect work progress, equipment, and construction sites to verify safety and to ensure that specifications are met.
- Establish, document, and maintain a quality management system.
- Coordinate required tests, inspections, and demonstrations with clients, third party, or customer.
- Identify, report and reject defective works are not conformance with the project documents.
- Report and document logs of inspection status, earthworks, concrete works, architect works, and constructional materials....etc.
- Prepare quality reports, and performance analysis, weekly quality accomplishment status.
- Provide guidance to junior engineers and train new joiners.

REFERENCES

- Prof. Dr. Nabeel A. Jasim
[Basrah University -Engineering Faculty] Supervisor for my M.Sc. Thesis
nabeel_ali58@yahoo.com
[+964\(0\) 7801419901](tel:+9647801419901)
- Prof. Dr. Haider Saad Al-Jubair
[Basrah University- Engineering Faculty]
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[+964\(0\) 7807389762](tel:+9647807389762)
- Prof. Dr. MohammedA. Mashrei
[ThiQar University- Engineering Faculty]
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- John P. Blowers Jr. Quality Lead|
ExxonMobil – West Qurna 1 Major Projects| DS-6 Camp, Basra
john.blowers@westqurna1.com
[+12819756533](tel:+12819756533)
- Tim Cox | FLUOR | E&C Construction & Commissioning | Director I
Construction Quality | Iraq West Qurna I Project
tim.cox@fluor.com
[+1281- 975-6685](tel:+12819756685)
- Nihat Firat Akca I Enka UK I Project Quality Manager I
Firat.akca@enka.com
[+905057046911](tel:+905057046911)
- Any documents are available upon requesting.

Fluor Cooperation [Quality Civil Engineer]

FLUOR

ExxonMobil

[West Qurna 1 (WQ1) Oil Field Projects] [Basra/Iraq] [August 2014–January 2016](#)

- General supervision on many contracts in WQ1 project like: Main Outfall Drain (MOD), Water Injection System (ISBL), Early Power (35 Mega W), Crude Oil Tanks, and Construction of Well Pads.
- Handling all types of inspections related to civil & structural issues involving concrete placement of various structures, earthwork activities, construction of road way... etc.
- Review Construction QC records prepared by Sub-Contractors.
- Implementation of (ITP) Quality Plan for the site activities & project specific procedures.
- Interface with the client's quality personnel.
- Check & inspect Civil, Structural and Architectural Plan based on approved drawings.
- Conduct daily inspection at site to assure all works comply with (IFC) issued for Construction drawings, project specification, and method statements.
- Prepare quality reports, and performance analysis, weekly quality accomplishment status.
- Identifying Quality issues & timely rectifying the issued Non Conformance Reports (NCRs).

Shams Aladala Company LTD [QA/QC Manager]



FLUOR

[Construction of Well Pads / West Qurna 1 (WQ1) Oil Field] [Basra/Iraq] [May 2012–June 2014](#)

- Supervising all type of activities related to Civil & Structural such as (earthworks, concrete works, ..etc.)
- Ensuring that work procedures and method statements for all work activities are prepared and followed during work execution.
- Generate Inspection test Plans (ITP's) that to include the activities as detailed in the relevant sections of the Construction Quality Control Manual.
- Prior to the start of each major item of work required by the Contract documents, conduct a preconstruction Quality Control meeting with responsible Company representatives and attend regularly scheduled meetings as required by Company.
- Identify report and reject defective work were not in conformance with the Contract documentation and monitor the repair or reconstruction of rejected work.
- Inspect purchased materials arriving to site to ensure conformance to the requirements of contract.