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Maher Kheder Abbas

Civil/Structural Engineer

Faculty Member

OBJECTIVE

As a civil engineer and faculty member at the University of Warith Al-Anbiyaa, I hold a master's degree in structural engineering and have extensive experience working for both local and foreign companies in various positions, including providing supervision and sub-consultancy services. Additionally, I have served as a structural designer for steel and concrete buildings and bridges in accordance with ACI and BS standards. My track record in these roles demonstrates my expertise in the field and my commitment to delivering high-quality work.

EXPERIENCE

Karbala, Iraq

Sep 2021 - Present

Faculty Member

University of Warith Al-Anbiyaa

- Lecturer of: Theory of Structures, Building Materials, Foundation Engineering, and Building Construction.

Babylon, Iraq

Mar 2021 - Apr 2021

Structural Designer

Al-Ayn Social Care Foundation

- Evaluating the foundation of a 1500m² building: saved approximately 350,000 USD by eliminating 104 bored piles (Volunteer Work).

Babylon, Iraq

Nov 2020 - Jul 2021

Adjunct lecturer

Al-Qassim Green University

- Lecturer of Foundation Engineering.

Babylon, Iraq

Oct 2019 - Jun 2020

Adjunct lecturer

University of Babylon

- Lecturer of: Strength of Materials, and Design of Concrete Structures.

Al-Gharraf, Al-Nasiriya, Iraq

May 2018 - Sep 2018

Structural Designer

Petronas Company

- Structural designer for an 18m-long bridge: work included providing comprehensive design drawings and calculations.

Al-Faw Grand Port, Iraq

Oct 2016 - May 2020

Supervision Engineer

Technital S.p.A.

- Supervision engineer and consulting services for the Longest Breakwater in the World, (<https://rb.gy/4y4l3>).

Karbala, Iraq
Feb 2016 - Oct 2016
Civil Engineer

Hyundai Company

- Document management, Quantity surveying, Progress tracking, and Contractor's Invoice verification.

Babylon, Iraq
Jul 2014 - Jun 2015

Civil Supervision Engineer

Tameer Engineering Office

- Supervision, consulting, and QA/QC services.

Al-Faw, Basrah, Iraq
Oct 2011 - Apr 2012

Site Engineer

UNA-OIL Group

- Execution and construction of civil works.

EDUCATION

Babylon, Iraq

Oct 2012 - Feb 2015

Master of Science (M.Sc.), Structural Engineering

University of Babylon

- M.Sc. thesis entitled "Experimental and Finite Element Analysis of Composite Castellated Steel Beams Self-Compacting Concrete Decks".

Babylon, Iraq

Oct 2007 - Jun 2011

Bachelor of Science (B.Sc.), Civil Engineering

University of Babylon

- B.Sc. project entitled "Design of Multistorey Steel Building".

SKILLS

- MS Word
- MS Excel (VBA)
- AutoCAD
- CSI Software
- Shop Drawings

LANGUAGES

Arabic
Native.

English
Upper Intermediate.
Saylor Academy
Certificate

CERTIFICATES & COURSES

- Safety course for reporting and investigating on-site incidents - SANTIS HSE Group.
- Teaching Methods Course at the University of Babylon/ Continuing Education and Staff Development Centre.
- Saylor Academy Courses: Intermediate and Advanced English as a second language.

PUBLICATIONS

- The Best Expansion Ratio for Castellated Steel Beams Based on the Upper Bound Criterion.
- Numerical Investigation on Flexural Performance of Hybrid Concrete T-Beams.
- A Statistical Study of the Relationship Between Sand-silt Ratio and Atterberg Limits of Clays.
- Urban Development of Bayn Al-Haramayn Zone Based on 25-Year Estimation of Al-Arbaeen Crowd Density.

REFERENCES

References are available upon request.