

CURRICULUM VITAE

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Qualifications & Awarding Bodies

Master of Science in Civil Engineering (Structural Engineering Concentration)

Pinang, Malaysia

University of Science Malaysia (USM)

Sep 2011– Apr 2013

Grade: 3.53/4.0

Bachelor of Science in Civil Engineering

Basrah, Iraq

University of Basrah

Oct 2005– Jun 2009

Current Employment and Teaching Experience

Apr 2016 – Present: Assistant lecturer

Basrah, Iraq

Department of Civil Engineering, Iraq University College

- Prepared lectures and class activities for freshman and sophomore level undergraduates.
- Created and graded course assessments to ensure students understood material and stayed on track.

Taught Courses by title

- Reinforced concrete design (4th year)
- Numerical analysis (3rd year)
- Mathematics (2nd year)

Previous Employment Experience

Sep 2013 – Apr 2016: Contracts Engineer

Basrah, Iraq

STX Heavy Industries Co., Ltd (Korean Company)

Project: EPC of Gas Treatment Unit Facilities & Gas Turbine Power Plant (500 MW).

Responsibilities:

- Responsible for conducting reviews and considering legal aspects of contract award & administration.

- Responsible for preparing and drafting commercial bids and tenders, estimating the costs of a project and ensuring that the costs are controlled.
- Acts as main point of contact between the subcontractors and the company.
- Liaising and working jointly with the design team (consulting engineers) to implement refinements.
- Manages subcontractors by locating, evaluating, and selecting subcontractors; monitoring and controlling performance.
- Manages the purchase of a range of products related to the overall engineering field, including civil, mechanical, chemical and electrical.
- Maintain thorough understanding of contract documents and subcontracts.
- Prepare meeting minutes for all job meetings.
- Assists in the coordination of all personnel: vendors, contractors, etc., necessary to complete the project.
- Uses computer applications such as spreadsheets, word processing, calendar, e-mail and database software in performing work assignments.

Nov 2010 – Jun 2011: Construction Engineer

Basrah, Iraq

Danish Refugee Council

Project: Construction of 90 residential units in Abu Al-Khaseeb District.

Responsibilities:

- Act as project or site supervisor for land survey and construction work.
- Evaluate the structural designs and explain the project specifications to the workers.
- Ensure work is performed per plans and specifications.
- Provide input into the scheduling of projects to meet the client's required deadline and maintain construction resources to acceptable levels.
- Review contractor work performance and project status updates.
- Allocate work to other members of the team in order to ensure delivery of design to quality, time and budget.
- Conduct technical analyses of survey and field data for development of topography, soil, hydrological or other information and prepare reports.

Oct 2009 – Nov 2010: Site Manager

Basrah, Iraq

Al- Dayer United Company

Project: Piling works for 132/33/11KV Abu Flous Electrical Sub-Stations.

Responsibilities:

- Responsible in supervising and monitoring of all piling activities for the project that includes casting and installation piles by hammering.
- Investigate the construction site and evaluate the geological conditions of the site.
- Monitor the project developments and confirm the actual development with the projections.
- File documents such as environmental reports, pollution control certificates, safety clearance certificates, etc.
- Assist in doing pile testing inspection.
- Allocate work to other members of the team.
- Prepare daily project accomplishment.
- Make structural layout and detailing using AutoCAD software.

Jun 2009 – Oct 2009: Site Engineer

Basrah, Iraq

Mymoona Engineering & Construction Co., Ltd.

Project: Rehabilitation of Warehouses in South Refineries Company (SRC).

Responsibilities:

- Started out as junior site engineer responsible for documents and assisting senior engineers.
- Evaluate the structural designs and explain the project specifications to the workers.
- General site supervisory duties, including construction of a steel workshop structure, foundation basement of power stations, and steel lighting towers project.
- Give directions to dig trenches, level land, build elevations, erect pillars, lay pipes, etc., as required for project.

Research Papers & Technical Studies

Publication:

- Ahmad NM, Megat Johari MA, Zeyad AM, Tayeh BA, Yusuf MO., **(Improving the engineering and fluid transport properties of ultra-high strength concrete utilizing ultrafine palm oil fuel ash)**. Journal of Advance Concrete Technology, volume 12 (2014), pp.127-137.

Technical Studies:

- Conducted research on engineering and transport properties of ultra-high strength concrete with a characteristic compressive strength greater than 120 MPa.
- Investigate the potential of palm oil fuel ash as a supplementary binder for ultra-high strength concrete.
- Study the difference between the effect of palm oil fuel ash and silica fume on the engineering and transport properties of ultra-high strength concrete.
- Conducted research on RC tall building to determine the behaviour of three types of frame building (rigid frame, shear wall and wall frame system) by modelling of each frame building using finite element software (ETAB), where each building was subjected to various loads combinations (wind drift, seismic loads and tsunami).
- Propose the appraisal scheme for the scenario of damages and/or deterioration of the concrete structure.

Competences Skills and Previous Industry Experience

Software Name

Proficiency

AutoCAD

Advanced

Robot Structural Analysis

Advanced

Revit

Advanced

Microsoft Office

Advanced

ETABS

Intermediate

SAP

Intermediate

Seminar & Training Program Presented/Supervised

- Supervised a group of undergraduate researchers in developing, conducting and evaluation high strength concrete under different water curing temperature
- Training a group of undergraduate researchers in the design of multi-story building using BIM technology.
- Supervised a group of undergraduate researchers in evaluation the effect of elevated temperature on the compressive strength of high and normal strength concrete.
- Supervised a group of undergraduate researchers in developing ultra-high strength concrete.

Professional Membership

- Member of Iraqis Engineers Syndicate since 2010

References

Sang Jin, Joo

Project Execution Manager

World Best **stx** Heavy Industries Co., Ltd. (www.stxhi.co.kr)

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