

# CURRICULUM VITAE

## Education

**M.Sc. in Structural Engineering** ( Salaheddin University- Iraq) (2013)

**B.Sc. in Civil Engineering** ( University of Duhok- Iraq) (2007)

## Personal Data:

**Name:** Idrees Muhammed Mahmood

**Date of birth:** 20 / 4 / 1984

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**Nationality:** Kurdish

**specialization:** Civil Engineering , MSc Structural Engineering

## skills:

### Language Skills:

- Fluent in Kurdish, Arabic and English
- Excellent communication skills, both oral and written.

### Computer Skills:

- Advanced skills in Drawing programs as AutoCAD,
- Advanced skills in MS Word , Power Point and Excel. Able to build staff capacity on design and use of excel, formulae, filtering, charts and data analysis.
- Advanced skills in analysis and design software as STAAD Pro. ,SAP, SAFE and ETABS
- Highly competent in other computer programs such as using email, internet and Microsoft Office Project
- Good ability in typing 20 to 25 words per minute.

## Experiences

### University Lecturer

#### University of Duhok/ College of Engineering (2013-Current)

Working as an assistant lecturer at college of engineering giving lectures for some subjects as

1. Teaching Engineering Mechanics for three years
2. Teaching Theory of Structures and Reinforced Concrete Design, and Engineering Drawing for two years
3. Teaching Design of Concrete Structures for one year
4. Teaching Monitoring of Structures for one year
5. Supervising Student design projects for two years
6. Member in the Consultant Engineering Office, examination committee.
7. Member shopping committee for laboratory tools at university of Duhok and shopping committee at college of engineering.

### University Lecturer (2015-2019) Part Time

#### Duhok Polytechnic University

1. Teaching Engineering Drawing and Engineering Surveying at Akre technical college for two academic years.
2. Teaching computer application course at Akre Institute for two academic year the course include windows , Microsoft office (word and Excel) and AutoCAD Program

### **instructor at College of Engineering /University of Duhok (2007-2013)**

Through my work as an Instructor I worked in the computer lab lectures, Engineering Drawing, concrete technology and construction Drawing.

### **Super Intendent Engineer (2012-2013)**

#### **Aswar Sinjar Company**

I worked as construction engineer for 18 month on Duhok Education Directorate having an Area of was about 10000 m<sup>2</sup> and consisting of three story building and theater building consisting of two story building, this project contain most of the civil engineering works related to building garages , theater, plumbing, Retaining walls etc. during my work I lead several type of work staff

#### Duties and Responsibilities:-

1. Plumbing includes hot and cold water lines, domestic hot water systems, and tank capacities. Fixtures choices include a variety of dimensional, accessibility, finishes, and energy (water) conservation options.
2. Check and review the plans & specifications for the proper construction & quality implementation at job site.
3. Checking formwork, reinforcements and all embedded items.
4. Ordering concrete and reinforcements
5. Site management and handling the work as per specification and drawings and method of statements.
6. Coordination with technical office for any change in drawings or any revision
7. Make Projected Budget with all detail maps that is used for work estimation
8. Making excel work sheet for bill of quantities and calculations of budget amount

### **Site Engineer (2007-2008)**

#### **Shahy Andazyaran company**

I worked as a construction engineer for six month at Akre region /Duhok. Our job consisted of twenty two story residential building including external works such as streets.

#### Duties and Responsibilities:-

The duties and responsibility for this project was similar to that in As Sinjar company Except of that we don't have garage in this project

### **Working with the Consultant Engineering Bureau (2014- 2017)**

1. Member in Evaluation Group for Redesign of commercial Building damaged by fire and giving structural Solutions for that building the building is in service now.
2. Member in Evaluation Group for Checking the concrete strength using two type of non-destructive tests; Rebound hammer and Ultra Sonic for Nowruz University Building in order to be used in redesign of buildings.
3. Working as an inspector for Structural plans of (TECHNICAL & VOCATIONAL TRAINING CENTER DUHOK, ERBIL and SULAIMANIYA).
4. Working in the committee of the evaluation and assessment of the hostel of the college of agriculture in Duhok and Finding Structural Solution for the project.
5. Redesign of wheat storage at Grdasen. Making All required Drawings.
6. Redesign of Rezgary Sport center in Duhok

### **Structural Design and Supervisor Engineer (2007-until now)**

#### **Privet Sector**

1. Design of Several Residential Building Maps consisting of one and two stories
2. Design of a several Multistory building in Duhok region. For example commercial building consisting of six story, in addition to basement which is located at Zerka street. Then working as Supervisor engineer for a year on the same project.

3. Design of a multi-Story Building of five Story Building located at Baroshk and working as Supervisor for the Project
4. Design of Deralok condolence hall with 15 m span length
5. Design of building at new Deralok consisting of Five Story
6. Design of Several commercial building at old Deralok consisting of Five Story
7. Design of Chamanke Community Center building at Chamanke Region for HKN Company
8. Design of a Sustainable Wastewater Treatment Plant in Faidah Sub-district, Duhok Governorate

#### **Member of consultant engineering office (2009)**

##### **Private office**

I worked with consultant office for six month making plan and site investigations, and supervision of residential buildings.

##### **Monitor (2005-2006)/Duhok road Directorate**

When I Still student in the college at 2<sup>nd</sup> stage I worked as monitor for Duhok road Directorate on Mriba Khanis road for three month

#### **Training Courses and Work Shops**

1. Attending “Basic English Course” for the period of 25 may to 09 july,2008 at Training and Development Center at University of Duhok.
2. Attending work shop entitle “Design of Reinforced Concrete building in ETABS” for 7 days 2hrs/week held on 28/4/2013 to 6/5/2013 at College of Engineering /University of Duhok.
3. Attending a work shop of “ Introduction to Student-Center Teaching Strategies”, held on th 14th , January , 2014. at College of Engineering /University of Duhok.
4. Completing training course about “Teaching Method for Higher Education” on SEP. 2015 to NOV. 2015. for three month at Training and Development Center at University of Duhok.
5. Attending work shop entitle “STAAD Pro Analysis and Design of Structures “ for 5 days 3hrs/day held on 3/2007 at Kurdistan Student Development Organization / Duhok Branch

**Publications: Strengthening by CFRP Strips of Two-Way Reinforced Concrete Slabs Supported on Bearing Walls**, Zanco Journal of Pure and Applied Sciences, Vol.26, No.1, 2014

#### **Key Qualifications:**

- Capability of adapting myself with the new environment and working under pressure.
- Wide communicational skills, ability to work in a team and managing other people.
- Capable of utilizing survey tools and other data collection systems.
- Problem solving skills
- Analytical and critical thinking skills
- Skills in developing analytical and informative materials
- Ability to learn new knowledge fast.
- Excellent self-motivation skills
- Member of Kurdistan Engineers Syndicate I.D 05968

#### **Reference**

**Prof. Dr. Ali Ramadhan Yousif**

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