

SALAH AL-SENWI

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PROFESSIONAL SUMMARY

I am a Structural Engineer with a Bachelor's and Master's degree in Structural Engineering from a university in China. I have experience as both a structural designer and site engineer, where I have overseen the construction of reinforced concrete structures while ensuring safety and quality standards. My strengths include effective collaboration, adaptability to complex situations, and attention to detail. I am passionate about my work and constantly seek opportunities for growth and impactful projects worldwide.

EMPLOYMENT HISTORY

Sep. 2021 - Aug. 2024
Riyadh, Saudi Arabia

Structural design, Structural engineer

Job Title: Reinforced Concrete Designer

As a designer specializing in reinforced concrete structures, I was responsible for the complete structural design of villas and buildings. My work involved utilizing various industry-standard software tools to ensure the integrity and safety of the structures.

Key Responsibilities:

1. Structural Drafting with AutoCAD software :

- Created detailed structural drawings of building systems using AutoCAD.
- Collaborated with architects to ensure designs met project specifications and standards.

2. Modeling and Analysis with ETABS software:

- created comprehensive 3D models of the buildings using ETABS software.
- Performed structural analysis to assess load distribution and structural integrity.
- Designed beams, columns, and other structural elements based on analysis results.

3. Slab and Foundation Design with SAFE software :

- Utilized SAFE software to design and analyze slabs and foundations, including raft foundations and footings.
- Conducted load assessments and reinforced concrete design to ensure compliance with safety and regulatory standards.

Achievements:

- Successfully completed the design of multiple residential and commercial projects, ensuring structural stability and adherence to local building codes.
- Enhanced project efficiency by optimizing the design process through proficient use of software tools.

Jan. 2021 - Sep. 2021
Dalian, China

Site engineer , Structural engineer

In my role as a Site Engineer, I was responsible for overseeing the execution of construction projects, ensuring that all work on-site adhered to architectural and structural plans. My duties encompassed a range of quality control and coordination tasks to guarantee the successful completion of projects.

Key Responsibilities:

1. Plan Coordination and Verification:

- Reviewed and matched architectural plans with structural drawings to identify any discrepancies before and during construction.
- Ensured that construction activities on-site strictly followed the approved plans and specifications.

2. Steel Work Inspection:

- Monitored and inspected the steelwork on-site to ensure that the reinforcement was placed according to the structural plans and standards.
- Provided guidance and corrections to steel workers as needed to maintain compliance with design requirements.

3. Concrete Quality Control:

- Conducted thorough checks on concrete before casting, including testing the slump, checking the temperature, and verifying the type of concrete to ensure it met project specifications.
- Coordinated with the concrete supplier and on-site teams to ensure the quality and timing of concrete pours.

Achievements:

- Successfully ensured that multiple construction projects were completed in accordance with design plans, maintaining high standards of structural integrity and safety.

- Identified and resolved on-site issues efficiently, preventing potential delays and ensuring smooth project progression.

Sep. 2017 - Aug. 2018
Shanghai, China

Renovation , Designer

In my previous role at a renovation company, I was responsible for managing various stages of the design and client engagement process. My duties included visiting client homes to take accurate measurements, which I would then use to create detailed plans in AutoCAD. I also developed 3D designs to help clients visualize the renovations. Following this, I coordinated and scheduled meetings with clients to present the designs, discuss project details, and finalize contracts, ensuring a smooth transition to the execution phase on-site.

EDUCATION

Dec. 2020

Master of Science:Civil Engineering

- Changchun Institute of Technology , Changchun, Jilin

Jul. 2017

Bachelor of Science:Civil Engineering

- Wuhan University of Technology , Wuhan, Hubei

SKILLS

positive thinker

Engineering specific knowledge

Team work

Problem solving

Creativity