

Ahmed Sharha

CIVIL ENGINEERING | STRUCTURAL ENGINEERING

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Profile

Civil engineer | Structural engineer, graduated in Jan 2024 from Sana'a university. Skilled in analyzing and designing structural elements, conducting studies related to road projects, and preparing engineering design and plans. With experience in CSI Software, Safe, Etabs, and SAP. My experience as a Structural engineer enables me to contribute effectively to multiple projects. Driven by a commitment to continuous learning and growth, I am eager to develop innovative solutions that enhance performance and drive the company's success.

Experience

Sawaed Alhandasa | Structural Engineer

Des,2024 – Feb,2025

- Mastered Revit for Modeling and Layouts.
- Mastered Safe, Etabs, and SAP for Analyzing and structural design.
- Utilized AutoCAD for reinforcement detailing.
- Calculation Note.

Future Engineering | BIM Engineer

2024 - 2025

- Mastered Revit for Modeling and Layouts.
- Managed Robot for Analyzing and structural design.
- Worked by Navisworks to Detect clashes and make Timelines.
- Utilized ASD for reinforcement detailing.
- Conducting +5 projects using BIM technology.

Sana'a University | Graduation Project

2024

- Conducted environmental, hydrological, and surveying studies.
- Conducted the necessary site and construction materials tests.
- Structural design of the studied road.
- Preparing the necessary plans of the studied road.

Study and design 2.5 km road

- Study and design a 2.5km-road including traffic, surveying, hydrological, and environmental studies, as well as conducting the necessary laboratory tests for construction materials under the supervision of General Roads and transport Authority. The structural and engineering design was carried out supervision of the Dean of the Faculty of Engineering, professor Dr. Abdullah Al-Maswari.

Design 10-floors Building As a BIM Engineer

- Design 10-floor Building was built in Sana'a, Yemen. I contributed with structural design utilizing ACI318-19, Shop drawing using Revit and ASD, as well as I contributed in structural plans.

Design Steel Building As a BIM Engineer

- Design A steel Building as an Wedding Hall was built in Sana'a, Yemen. I learned the fundamentals of steel designing. We designed this project using BIM technology.

Education

Sana'a University , Civil Engineering

2020 - 2024

I have graduated with a Bachelor's Degree in Civil Engineering from Sana'a University, earning a place on the Highest Students list on the graduation project. I actively contributed to over 30 projects during my time at Sana'a University.

Licenses & certifications

Exceed Language Center , Proficiency In English

Des 2024

Future Engineering, Preparing And Layouts of Architecture And Structure Plans

Oct 2024

BIM technology

Feb 2025

Autodesk Revit, Robot, Navisworks, and ASD

Feb 2025

Courses

- Course Building Information Modeling (BIM technology)
- Training of Total station
- Proficiency course of Revit
- Course of AutoCAD civil 3D
- Course of Preparing Architecture and Structure Plans
- Proficiency of SAP, Etabs, and Safe.
- Training of Primavera
- Project Management Foundations

Technical Skills

- BIM technology
- Geotechnical Engineering
- Structural design
- Microsoft excel, word.
- Revit, Robot, AutoCAD, Civil 3D, and Total Station.
- CSI software, Safe, Etabs, and SAP.

Soft Skills

Critical Thinking | Problem Solving | Communication skills | Leadership | Time Management | Organizational skills.

Languages

- Arabica | Native
- English | proficiency