

Summary

Civil Engineer with hands-on experience in structural design and construction management. Specialized in multi-story reinforced concrete (RC) and steel structures, using ETABS and SAFE for seismic and wind load analysis. Skilled in project planning, scheduling with MS Project, and site supervision of residential and commercial construction. Proficient in AutoCAD for architectural drawings and structural detailing aligned with SBC and ACI 318 standards. Experienced in field surveying using GPS and Total Station, as well as conducting quality control inspections and developing cost-effective engineering solutions.

Projects

Senior Design Project | IAU | Aug 2024 - May 2025

- Collaborated in a team of 4 members to design a 15-story hotel with 4-story underground parking to resist gravity, wind, and seismic loads.
- Compared between two slab systems (Flat slab and Waffle slab) in deflection, base reaction, and cost of materials to determine most suitable.
- Designed structural elements such as Columns, Hidden-Beams, Drop-Beams, and Drop-Panel to satisfy SBC requirements.
- Designed Raft-on-piles foundation based on the bearing capacity of the soil and the base reaction of the building.
- Performed structural analysis using ETABS, SAFE programs.
- Prepared architectural drawings using AutoCAD

Experience

Site Engineer intern | Almousa Consultants | Jun 2024 - Aug 2024

- Supervised daily on-site construction activities for a 8-story residential building at Rivan project, Dammam
- Ensured construction work complied with drawings, specs, and safety standards
- Conducted inspections for reinforcement, formwork, Isolation, and concrete pouring
- Conducted inspections of architectural elements, including wall alignments, Door and window layouts, to ensure compliance with design specifications and quality standards

Survey operations | IAU | Jul 2023 - Aug 2023

- Completed five applied field surveying projects which are Topographic map, production, Contour map generation, Setting out road curves, Longitudinal, cross-section leveling, and Building layout and setting out
- Gained hands-on experience using GPS, Total Station, and theodolite surveying equipments
- Produced accurate field readings and translated them into maps and drawings using surveying software

Exhibitor | Mostawbli | Nov 2023

- Represented the Civil Engineering department at an academic exhibition attended by prospective students, parents, and university guests.
- Explained core aspects of the Civil Engineering major, including areas of study, career paths, and real-world applications.
- Answered questions from students and guided them through educational options within the field.

Education

Bachelor of Science Civil and Construction Engineering

August 2020- May 2025

Imam Abdulrahman Bin Faisal University (IAU)

Core courses: Steel structure Design, RC structure Design, Cost Estimating, Cash Flow, Engineering Economics, Topic in project management

Skills

Structural Design | Construction Management | ETABS | SAFE | AutoCAD | ACI 318 | SBC | MS Project |
Project Planning & Scheduling | Site Supervision | Quality Control | GPS & Total Station Surveying |
Cost Estimation | Leadership | Interpersonal Skills | Project Management | Teamwork

Certifications

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- CAPM Certification - Project Management Institute | Expected July 2025
 - CAPM® Exam Prep Seminar (44.5 hours) - Udemy | May 2025
 - Forward Program - McKinsey & Company | July 2024
 - Microsoft Excel Certification (6 hours) - Dorroob | December 2023
 - Leadership Skills (2 hours) - Dorroob | October 2023

Languages

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- Arabic - Native
 - English - Advanced