

MAZEN MROUEH

STRUCTURAL ENGINEER - CIVIL & ENVIRONMENTAL ENGINEER



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Lebanon, Beirut



LinkedIn | [Mazen K Mroueh](#)

EDUCATION

Bachelor's Degree in Civil and Environmental Engineering
Beirut Arab University

Lebanese Baccalaureate, General Science
Collège du Sacré-Coeur, Beirut, Lebanon

CERTIFICATIONS

[Learn ETABS & SAFE in the Structural Design of 15 Stories RC, Udemy](#)

[AutoCAD2020 2D Basics & Advanced\(Full Projects Civil + Arch\), Udemy](#)

[Geographic Information Systems \(GIS\), Coursera](#)

[Excel Skills for Business Specialization, Coursera](#)

ENGINEERING STRENGTHS

Structural Design and Analysis
Structural Engineering
Civil Engineering
Structural Drawings
Architectural Drawings
Site Engineer

MEMBERSHIPS

Member of the Order of Engineers and Architects, Beirut, Lebanon

LANGUAGES

Arabic | English | French

PROFILE

I am a structural engineer with over five years of experience in the structural design, analysis and construction of various civil engineering structures. I have a solid foundation in structural mechanics, materials science and finite element methods. I have successfully delivered projects involving complex structures such as buildings, villas, mosques, swimming pools and other infrastructure facilities. I am adept at using software tools such as AutoCAD, SAP2000, ETABS and SAFE for structural modeling, simulation and optimization. I am also a collaborative team member who can communicate effectively with clients, contractors and colleagues. I am seeking a challenging and rewarding position where I can leverage my skills and expertise to contribute to the success of your organization.

CAREER HISTORY

Structural Engineer | Mroueh Office for Design & Contracting (Beirut) | 2017 – Present

- Brainstorm architectural designs with project teams for residential buildings/villas and meet with clients, site managers, and architects to discuss new construction projects.
- Oversee contract management function by preparing construction permits from relevant authorities to ensure maximum compliance with applicable building codes and regulations.
- Supervise execution of construction projects from planning, budgeting, and scheduling to final closure to ensure safety standards are met, and works are completed on time.

Structural Engineer Coordinator | InnoDez Design & Engineering (USA) | 2022

- Remote Structural Engineer Coordinator at InnoDez.
- Worked on wood design and engineering projects for US clients.

Quantity Surveyor / Estimator | Mirodec S.A.R.L. (Beirut) | 2018

Glass Manufacturer Company

- Analyze costs from drawings, estimates, materials and labour.
- Draft tender and contract documents with bills of quantities.
- Track project progress and value variations for interim and final payments.
- Collaborate with team to meet client's needs.

Intern | Suido Kiko Middle East (Riyadh, Saudi Arabia) | 2017

Construction of Industrial Waste Water Treatment Plant.

- Complete administrative tasks and draft reports.
- Visit and inspect the site regularly.
- Oversee the installation of MBR (Membrane Bioreactor) equipment.

Intern | Suido Kiko Middle East (Riyadh, Saudi Arabia) | 2016

Construction of Industrial Waste Water Treatment Plant.

- Prepare Bar Bending schedule for structural design and reinforcement.
- Prepare engineering reports to document project progress and results.
- Participate in staff meetings to communicate with team members and stakeholders.

Intern | Shade Corporation Ltd. (Khobar, Saudi Arabia) | 2012

Construction of Steel frame structures for industrial use by Procter and Gamble.

- Create a bill of quantities (B.O.Q.) for the project.
- Review and approve the steel structure drawings prepared by the design and drafting team.
- Coordinate and monitor the discipline follow-up activities with the client and contractors.
- Perform field engineering activities such as site inspection, testing and commissioning.
- Develop a method of statement for the steel erection process, including safety measures & quality standards.