

ALI MUHIEDDINE

STRUCTURAL & ARCHITECTURAL DRAFTSMAN

CONTACT

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- Jbaa - Lebanon

SKILLS

- AutoCAD, Revit, and 3D modeling
- Robot Structural Analysis & structural tools
- Design and drafting
- Understanding of building codes and permit standards
- Research and technical documentation
- Microsoft Word and Excel
- BOQ preparation and report writing
- Problem-solving and critical thinking
- Communication and team collaboration

LANGUAGES

- French - Professional working proficiency
- English - Professional working proficiency
- Arabic - Native proficiency



PROFIL

Experienced freelance with over 7 years of practical experience in the field. Proven ability to work independently while consistently delivering high-quality results. Skilled in various aspects of civil engineering, including drafting, estimation, and design. Actively seeking an opportunity to contribute expertise within a dynamic engineering organization.



EXPERIENCE

Freelance Structural & Architectural Draftsman

2018 - Today

Worked in close collaboration with a structural rebar detailing firm serving Gulf projects, two local contracting companies, five local engineering offices for permit documentation, and a US-based construction company specializing in wood construction.

- Architectural Design & Permits: Produced detailed architectural drawings, layouts, and plans, managed documentation for permit submissions, revised designs based on client feedback and building codes, and created 3D visualizations to support presentations.
- Structural Design & Detailing: Designed reinforced concrete and wood structures, prepared framing plans, rebar shop drawings, and bar bending schedules (BBS) using AutoCAD and Revit.
- MEP Design & Detailing: Produced MEP drawings and layouts, ensuring integration with architectural and structural plans while applying design knowledge.
- Prepared Bills of Quantities (BOQ) and technical reports to support project planning, cost estimation, and client presentations.
- Strengthened expertise in structural detailing, design revisions, building code compliance, and efficient project management under tight deadlines.



EDUCATION

Pursuing Bac+5 Degree in Civil Engineering

2022

Conservatoire National Des Arts Et Métiers

Bachelor's Degree in Civil Engineering

2017

Lebanese University- Faculty of Technology