

PROFILE

Strong skills in:

AutoCAD 2D- 3D

BIM- Revit

Mapping and
Geographic
Information Systems
(GIS)Microsoft Office Word,
Excel, PPT, MS projectOptimization &
Simulation Tools**Building & Energy Specialist | Architect | Urban Planner | MEM graduate |
Advancing Sustainable Design & Construction***Specialist in building energy performance and retrofitting, with a strong background in engineering management. Committed to sustainability, resilience, and positive community impact.*

EDUCATION

Dual Master's in Engineering Management & Energy Studies*American University of Beirut (AUB) – 2021 – 2025***Master's in Urban Planning***Lebanese University – Department of Urban Planning – 2016 – 2018***Bachelor's in Architecture***Lebanese University – Department of Architecture – 2009 – 2014*

WORK EXPERIENCE

DT-GLOBAL/ USAID-INARA project*September 2022 – March 2025***Technical Coordinator Engineer**

- Contributed to two major renewable energy projects — Rechmaya Hydropower and Deir Ahmar Solar Plant — supporting system assessments, optimization, implementation, and tracking of project deliverables and work plans throughout execution.
- Led the civil enhancement of the Rechmaya Hydropower Plant project, a 100-year-old facility, overseeing the full project cycle — from heritage-compliant assessment and BOQ development to alignment with historical preservation standards and final execution.
- Evaluated 10+ engineering design submissions weekly, facilitating communication between the EOR and contractors to resolve constructability issues; improved work plan accuracy by 95%.
- Conducted a minimum of three site visits and technical audits per week to verify quality assurance, maintain safety standards, and ensure adherence to project schedules.
- Updated and verified AutoCAD drawings, BOQs, technical specifications, and RFPs; managed over 36 Task Orders (TOs) in coordination with the RELKPs EOR consultant.

NSSF -Headquarter, Beirut*January 2016 – September 2022***Procurement and Maintenance Engineer**

- Planned and oversaw scheduled maintenance for 42 NSSF buildings; diagnosed faults and supervised 8 technical staff along with consultants and suppliers.

- Managed 3+ tenders and prepared drafts for RFPs, Terms of Reference (ToRs), and general/specific conditions of tenders.
- Prepared annual rental contracts for approximately 35 offices in coordination with rental personnel.
- Coordinated meetings with suppliers and contractors to align schedules, scopes, and costs.
- Maintained statistical and financial records for annual reporting and prepared annual drafts for the maintenance and building budget.
- Contributed to the "Strengthening the National Social Security" project funded by the EU, focusing on strategic planning and operational improvements.

IDEA- International Design Engineering Architecture

Feb 2014 – Jan 2016

Architect

- Designed architectural plans and conducted site inspections for the Medrar Medical Facility, funded by CEDRO IV.
- Reviewed and approved final shop drawings from Yamen Contractor Company.
- Ensured the integration of LEED criteria and sustainable construction practices by optimizing on-site water pumping systems and PV solar integration; enhanced design functionality to meet efficiency standards in alignment with AUBMC requirements and approvals

LANGUAGES

Arabic (Fluent)

English (Fluent)

French (Fluent)

CERTIFICATES

- ✓ ASHRAE |Passive Building Design
- ✓ MSFEA Graduate certificate in Engineering communication
- ✓ BIM Revit Certificate
- ✓ GIS certificate