

AHMAD M. EL FERRI

 [Ahmad-marwan-el-ferri.vercel.app](https://ahmad-marwan-el-ferri.vercel.app)

 Ahmad Marwan El Ferri

MEP Engineer | BIM Modeler | HVAC & Plumbing Design Specialist

Contact Details

Phone: +961 71 017228 | Email: eng.marwanferri@gmail.com |
Address: Tripoli, Lebanon | Nationality: Lebanese | Date of Birth: 11th February 2004
Marital Status: Single |

Executive Summary

MEP Engineer with over 3 years of multidisciplinary experience across large-scale international and residential projects. Adept in BIM modeling, HVAC, plumbing, and electrical design with proficiency in Revit and engineering standards. Recognized for precision, technical leadership, and a problem-solving mindset. Demonstrates a fast-paced workflow and proven ability to collaborate with cross-functional teams while maintaining high-quality deliverables and compliance with relevant codes.

Achievements

EEC, Republic of Congo (Remote Collaboration)

MEP Designer & BIM Modeler

July 2024 – Present

- ✓ Modeled VRF Systems integrating Heat Recovery Technology for a 12-story mega mall.
- ✓ Redesigned and remodeled the Water Supply and Drainage System, including Drainage Vent and Rainwater Systems.
- ✓ Remodeled the Fire Protection System and optimized layout of the Fire Pump Room.
- ✓ Calculated ventilation system fan capacity and performance.
- ✓ Assisted the Project Manager in preparing riser diagrams.
- ✓ Generated a BOQ using Revit, exported to Excel with added specifications.

Freelance Projects, Lebanon & Saudi Arabia (Remote Collaboration)

MEP Designer & BIM Modeler

June 2024 – Present

- ✓ Modeled full electrical layout in Revit for a 3-story residential project in Al-Khobar, KSA.
- ✓ Designed a complete HVAC system for a 3-story residential project in Koura, Lebanon.
- ✓ Designed and modeled plumbing systems for IPT Fuel Station and Car Wash in Tripoli, Lebanon.

Skaff Contracting, Lebanon

Electrical CAD Modelling Intern

August 2024

- ✓ Modeled various electrical plans using AutoCAD under the supervision of the Engineering Manager.
- ✓ Ensured accuracy and code compliance in electrical design documentation.

Education

Bachelor of Engineering in Electrical Power & Machinery, Lebanon

Beirut Arab University – June 2026

Certifications & Workshops

- IC3 Digital Literacy Certified

Areas of Expertise

- BIM Modeling (MEP)
- HVAC & VRF System Design
- Plumbing & Drainage Layouts
- Fire Protection Systems
- Electrical Load & Layout Modeling
- Revit & AutoCAD Drafting
- BOQ & Specification Sheets
- Duct & Pipe Sizing
- Project Coordination
- Riser Diagram Development

Technical Skills

- AutoCAD
- Autodesk Revit (HVAC, Plumbing, Electrical)
- Carrier HAP
- ELITE Fire Fighting Software
- Duct & Pipe Sizing Calculations
- BOQ Development & Specification Sheets
- Project Management & Coordination
- Microsoft Office Suite (Excel, Word, PowerPoint)

Soft Skills

- Leader
- Detail-Oriented
- Problem Solver
- Quick Learner

Languages

- Arabic – Native
- English – Fluent
- French – Intermediate

Interests & Hobbies

- Weight Lifting
- Reading
- Continuous Learning

References

Eng. Halim Houjayri

Project Manager

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