

Meryem El Hamdani

Architect | BIM & Construction Consultant | Project Coordination

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Professional Summary

Architect with 2 years of experience across BIM, construction and technical consulting. Recognised for coordinating 20+ engineering and construction projects and delivering technical assessments for 50+ commercial buildings. Reliable and adaptable professional, able to quickly understand technical subjects and work effectively with multidisciplinary teams. Looking to develop further in BIM coordination across critical infrastructure projects.

Professional Experience

Ayming Lisbon, Portugal

Innovation Consultant Jan 2026 - Present

- Promoted to coordinate a portfolio of 20+ R&D projects in engineering and construction for major clients including Artelia, VINCI and Egis, supporting technical stakeholders across project planning, financing and delivery.
- Coordinated, among other projects, a BIM R&D methodology aligned with ISO 19650, aiming to structure confidential building information across 4 levels, supporting BIM governance for sensitive projects such as prisons and banks.
- Led AI adoption within the team as AI Ambassador, developing AI assistants for CIR/CII technical reporting and training 11 consultants in best practices.

Energy Modeler March 2025 - Dec 2025

- Delivered 50+ energy audits for commercial real estate, reviewing architectural, mechanical, electrical and plumbing plans and assessing building systems to identify energy-efficiency opportunities and support clients in securing $7M+ in U.S. Section 179D tax incentives.
- Performed techno-economic analyses of HVAC systems for building projects, including an 11,247 m², 3 storey office building with multiple server rooms, achieving 53.5% projected energy savings and €133,853 in estimated annual savings through HVAC optimisation.
- Led the energy modeling for a steam plant renovation project at Hill Air Force Base with a team of 4, supporting the modernisation of a utility system serving 89 buildings with over 1.2 million m² of building floor space, coordinating project inspections and technical deliverables across a large and complex infrastructure environment.

MassLAB Porto, Portugal

Architectural designer May 2023 - Sep 2023

- Designed and planned a 34-building development, developing site planning, massing and spatial organisation solutions using Rhino and AutoCAD, and presenting design proposals to the client, the Municipality of Maia.
- Developed proposals within a €6M budget, balancing sustainability and efficiency requirements, and prepared the Memória Descritiva for the Pedido de Informação Prévia (PIP) to support the project's licensing process.

Education

Instituto Superior Técnico

Master's in Architecture

- Graduated with top distinction (20/20) for thesis *"C3GEO: A Community Carbon Calculator for Geographically Customized Areas."* .

École Nationale d'Architecture de Rabat

Bachelor's in Architecture

Relevant certificates

- **Data Center HVAC Design & Infrastructure (Dual certificate)** : Training in data centre cooling design and infrastructure, including Tier requirements, HVAC redundancy (N, N+1, 2N), cooling load calculations, DX vs. chilled-water systems, airflow management, equipment selection (CRAC, CRAH, in-row cooling, liquid cooling, ect.).

Skills

- **Technical Skills:** 2D/3D Modelling & BIM (AutoCAD, ArchiCAD, Revit)| Simulation software (eQuest) | Spatial analysis (ArcGIS, QGIS) | Adobe Suite (Photoshop, Indesign, Illustrator) | MS Outlook, Word, PowerPoint and Advanced Excel (certified, VBA & Macros) | Programming (Python, HTML, CSS, JavaScript).
- **Languages:** Darija & Arabic (Native) | English (fluent) | French (fluent) | Portuguese (Advanced).