WALAA MASOUD

ARCHITECTURAL ENGINEER

Al-Maghribi Street, Al-Thalathini District, Gaza, Palestine | walaamasoud25@gmail.com | 0592436828

PROFESSIONAL SUMMARY

Result-oriented Architectural Engineer specializing in sustainable exterior façades, high-end residential interiors, and integrated landscape design. Proven track record in BIM modeling, conducting feasibility studies, and translating complex creative concepts into building codes compliant, contractor-ready construction documents, and photorealistic 3D visualizations using AutoCAD, Revit, SketchUp, Lumion, and Photoshop. Backed by 500+ hours of hands-on practical training and an "Excellent" award-winning graduation capstone project. Key strengths include architectural detailing, precise spatial planning, and seamless multidisciplinary coordination to optimize design functionality and streamline contractor handover.

AREAS OF EXPERTISE

- Technical Design Skills & BIM Modeling
- AutoCAD & Revit
- Project Coordination & Safety Standards
- Interior Architecture, Alterations & Space Planning
- Working Drawings & Construction Documents
- Client Relationships & Design Projects

ACCOMPLISHMENTS

- Awarded "Excellent" for the graduation capstone project "Noqoush Cultural Complex" — delivered a sustainable, culturally responsive design with complete design documentation and high-fidelity visualizations.
- Completed 500+ hours (6+ months) of practical architectural training at professional offices, specializing in exterior façades, site planning, and contractor-ready working drawings.
- Produced contractor-ready construction documents (plans, elevations, sections) using AutoCAD and Revit, ensuring code compliance and smooth contractor handover.
- Designed and coordinated delivery of high-end residences, luxury villas, interior fit-outs, and landscape solutions, collaborating with multidisciplinary teams to translate concepts into on-site execution.
- Created photorealistic 3D models and presentation materials with SketchUp, Lumion, and Photoshop to secure client approvals and clarify design intent.

PROFESSIONAL EXPERIENCE

Architectural Intern, Anan Engineering Office **Feb 2025 to Apr 2026**

Gaza, Palestine

Completed a 250-hour practical training program contributing across concept development, design refinement, and documentation. Key contributions included:

- Developed exterior façade concepts and coordinated interior layouts to optimize space planning, zoning, and functional flow.
- Produced detailed working drawings, elevations, and sections using AutoCAD and Revit; prepared construction documents for contractor handover.
- Created high-quality 3D models and photorealistic renderings (post-production) to support client presentations and design approvals.
- Conducted site analysis and assisted with landscape integration and site development to align outdoor spaces with architectural intent.
- Collaborated with senior architects to incorporate feedback and ensure designs met regulatory standards, safety codes, and practical requirements.

Architectural Intern, Concept Design Office **Apr 2026 to Jul 2026**

Gaza, Palestine

Contributed to high-end architectural concepts, advanced 3D modeling, and presentation graphics to support client-facing design work. Key contributions included:

- Executed advanced BIM modeling and produced immersive 3D models and spatial environments using SketchUp, managing complex geometries and component libraries.
- Configured realistic lighting and material schemes to achieve high-quality render outputs and visual consistency.
- Developed comprehensive interior layouts, mood boards, and furniture zoning tailored to client briefs.
- Curated digital assets and optimized rendering workflows to improve efficiency and presentation quality.
- Participated in design workshops and design projects, conducting research to translate conceptual ideas into presentation-ready visuals.

EDUCATION

Islamic University of Gaza, Gaza, Palestine **Sept 2020 to Nov 2025**

Bachelor of Architecture

Graduation Project: “Noqoush” Cultural Complex for Identity & Community Development

- Designed a multifunctional cultural hub (national library, museum, theatres, exhibition halls, and workshops) with strategic space programming and masterplanning for diverse social and cultural uses.
- Translated traditional Palestinian embroidery motifs into contemporary façade concepts and material strategies to reinforce cultural identity.
- Applied sustainable, climate-responsive design principles using locally sourced materials and earth-integrated techniques to optimize comfort and resource efficiency.
- Prepared detailed drawings, construction documents, and high-quality BIM models and photorealistic renderings using AutoCAD, Revit, SketchUp, Lumion, and Photoshop to support design presentations.

TECHNICAL PROFICIENCIES

Architecture & BIM Software: AutoCAD, Revit, SketchUp, Microsoft Office

3D Visualization & Design: Lumion, Enscape, Adobe Creative Suite (Photoshop)

LANGUAGES

Arabic, English

AWARDS

Excellent Capstone Project Award, The Islamic University of Gaza

AFFILIATIONS

Member, Palestinian Engineers Association