

MOHAMMED ALBEDANI ALHARBI

Architectural Engineer | Project Management | Building Supervision | Lean Six Sigma
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Summary

Results-driven **Architect** with proven experience in managing and executing construction projects within contracting environments. Skilled in project planning, coordination, and supervision from concept to completion. Adept at preparing Bills of Quantities (BOQ), managing contracts, and ensuring design compliance with technical and client requirements. Combines strong technical expertise with effective project management and communication skills to deliver high-quality outcomes on time and within budget. Committed to achieving client satisfaction and maintaining excellence across all architectural, construction and any projects phases.

Key Achievements

- ✓ **Architecture Internship Hours**
Completed architecture internship, contributing 500 hours to project designs.
- ✓ **On-Time Project Delivery**
Supervised construction projects, completing 100% on schedule.
- ✓ **Team Leadership Efficiency**
Led teams, improving project efficiency by 30% using Lean Six Sigma.

Experience

Construction Depth Company CDC Riyadh, Saudi Arabia
06/2025 - Present

An architect works in project management department, my duties are:

- Oversee and coordinate all architectural aspects of construction projects from initiation to completion.
- Prepare, review, and verify architectural drawings, shop drawings, and material submittals to ensure compliance with project specifications.
- Manage project timelines, budgets, and quality standards in collaboration with engineering and site teams.
- Prepare and review Bills of Quantities (BOQ) for architectural works and assist in cost estimation.
- Supervise site activities to ensure execution aligns with approved designs, standards, and safety regulations.
- Coordinate between clients, consultants, and subcontractors to resolve design or construction issues efficiently.
- Participate in contract negotiation, project bidding, and preparation of contract documents.
- Continuously monitor project milestones and communicate progress insights to ensure alignment with management and stakeholder objectives.
- Provide technical support and solutions to overcome site challenges or design discrepancies.
- Ensure that all works are completed within scope, schedule, and budget while maintaining client satisfaction.
- Participate in project handover, ensuring all architectural deliverables meet contractual and quality requirements.

Entrepreneurial project manager specializing in hydroponic system design, fabrication, and innovation saudi arabia
2019 - 2022

Experienced in running an independent business delivering customized, efficient, and sustainable hydroponic solutions for residential, commercial, and agricultural clients, my duties are:

- Design and develop custom hydroponic systems and vertical garden systems based on client requirements and site conditions.
- Manage full project lifecycle including planning, budgeting, procurement, fabrication, installation, and handover.
- Conduct feasibility studies, technical assessments, and system sizing based on crop type and production goals.
- Innovate and prototype new growing systems, automation modules, and water-efficient technologies.
- Oversee fabrication workshops and supplier coordination for pumps, sensors, LED grow lights, and irrigation components.
- Implement IoT and smart-farm solutions for remote monitoring, real-time data collection, and automated nutrient dosing.
- Provide client training, after-sales support, maintenance planning, and system optimization services.
- Ensure systems comply with safety standards, quality requirements, and sustainable farming practices.
- Promote services, manage client relationships, and drive business growth as a freelancer/business owner.

Education

Onaizah colleges Saudi Arabia
Bachelor of Architecture GPA 4.85 out of 5 01/2022 - 01/2025

Lawrence Technological University Southfield, MI, USA
Lean Six Sigma Yellow Belt

International Language School of Canada Toronto, Canada
Completion of English language study

Training / Courses

Project Management Professional "PMP" Certificate — PMI

Building Supervision — Saudi Council Of Engineers

Sustainable Architecture — Saudi Council Of Engineers

Skills

Project management • Project plan • Organization skills • Time management • Problem solving • Alternative solution • Communication skills • Leadership • Microsoft Office • Auto-Cad • Revit • Lumion