



Loay R. Shahin

Date and place of birth: 5th June 1982, Palestine
Nationality: Palestinian, Jordanian
Marital status: Married
Driving License: UAE, KSA, PS, International License

Contact information

Mobile:
(+972) 599 360 648
E-mail:
ecolinearchitect@hotmail.com

Profile

Objective: Seeking a challenging position in green architecture where I can apply my skills in sustainable design and construction to create eco-friendly, energy-efficient buildings that contribute to environmental preservation. "Availability: Upon Request.

Education

2001 to 2006	Bachelor in Architecture Engineering Al-Isra University, Amman, Jordan
1999 to 2000	General secondary examination in Palestine Al-Hussein Bin Ali School, Hebron, Palestine

Key Skills

Proficient with a vast array of concepts

As a **LEED Accredited Professional (LEED AP v4)** certified by the U.S. Green Building Council, I specialize in providing comprehensive consultancy on sustainable site issues, green building strategies, and LEED certification processes. My expertise encompasses:

GBCI Number: 10663949



Site Issues, Green and LEED Consultancy	Wastewater Treatment Plant Technologies
Materials and Green Products	Advanced Architectural Design
LEED Design and Construction Prerequisites and Credits Implementation	LEED Credit Calculations and Documentation
Payment Certificates Management	Procurement and Proposal Management
Commissioning Oversight	Project Calculations and Analysis
Project Progress Administration	Construction Documentation and Contract Administration

Certifications

In addition to my LEED accreditation, I hold the following certifications and memberships:

- ISO 14001 Environmental Management System Administrator
- Member of the Palestinian Higher Green Building Council (PHGBC) – Technical Committee
 - Jordan Engineers Association Certified Architect
- ✓ AutoCAD LT: Completed courses focusing on 2D drafting and detailing, enhancing my ability to produce precise architectural drawings.
- ✓ Primavera P6: Undertook training in project management software, equipping me with skills to plan, manage, and execute projects efficiently.
- ✓ Solar Panel Systems: Acquired knowledge in the design and implementation of solar energy solutions, contributing to sustainable building practices.
- ✓ Chief Architect: Gained experience with this architectural design software, enabling the creation of detailed 3D models and construction documents.

Work Experience

Eco line Architect Engineering Office - ECO

Palestine, West Bank – Hebron

General Manager – Architectural Design Head Division

Full – time job

February, 2019 to Date

Projects:

- Palestine Commercials Center – Hebron.
- Tulkarm Car Parks and Commercial Center – Tulkarm.
- Twin Offices Building – Hebron.
- Villas Complex – Dura / Hebron City.
- Dura Main Gate – Hebron City.
- Medical Clinic Center – Hebron City.
- Arab Islamic Bank Center – Jericho (LEED Project).
- Ministry of works Building – Ramallah (Green Building – PHGBC).



Projects Roles & Key Contributions:

- ✓ Supervising the development and implementation of architectural designs to ensure they align with client specifications, budget constraints, and regulatory standards.
- ✓ Leading and mentoring a team of architects and designers, fostering a collaborative environment to enhance creativity and productivity.
- ✓ Collaborating with construction teams, engineers, and other professionals to ensure architectural plans are accurately executed during the building process.
- ✓ Managing client relationships, including presenting proposals, negotiating contracts, and providing regular project updates to ensure satisfaction.
- ✓ Ensuring that design specifications adhere to safety standards and governmental regulations
- ✓ Developing and implementing departmental strategies, policies, and procedures to improve efficiency and quality of work

Technical Expertise:

- Proficiency in Architectural Software
- Understanding of Construction Documentation
- Sustainable Design Practices
- Project Management Skills
- Knowledge of Building Codes and Regulations
- 3D Modeling and Rendering
- Advanced Materials Knowledge
- Lighting Design Expertise
- Acoustic Design Principles
- Structural Engineering Fundamentals
- Historic Preservation Techniques
- Knowledge of Structural and Mechanical Systems
- Familiarity with Construction Materials and Finishes

Consolidated Contractors Company Alsharqa, UAE

Full – time job
June, 2017 to 2019

www.ccc.me

Senior LEED Engineer
Al Zahia City Center Project. – LEED Gold

Consolidated Contractors Company Ramallah, Palestine

Full-time job
May, 2014 to August, 2016

www.ccc.me

LEED and Material Architect

Palestinian museum Project. – First LEED Gold Building in Palestine

Project Role & Key Contributions:

- **LEED Documentation & Compliance:**
 - ✓ Managed and maintained calculations and tracking sheets for Regional Materials and Recycled Content credits.
 - ✓ Created and updated logs for Construction Waste Management (CWM) credit compliance.
 - ✓ Ensured LEED Plans implementation, including Indoor Air Quality (IAQ), Erosion and Sediment Control (ESC), CWM, and Construction Activity Pollution Prevention (CAPP).
- **Project Monitoring & Reporting:**
 - ✓ Prepared weekly and monthly assessment reports, including photographic documentation, updates on LEED credit status, and supporting documents.
 - ✓ Conducted LEED progress meetings with subcontractors, consultants, and construction management teams.
 - ✓ Provided technical LEED advice to subcontractors and ensured environmental and safety standards were met.
- **Material Management & Compliance:**
 - ✓ Verified construction materials' conformance with LEED plans, specifications, and sustainability standards.
 - ✓ Managed material documentation and schedules, including long-lead items, material submittals, approval statuses, and site deliveries.
 - ✓ Reviewed and processed Material Approval Requests (MAR) and Material Inspection Requests (MIR) while ensuring compliance with LEED and other regulatory standards.
 - ✓ Coordinated material submittals to align with project specifications and sustainability regulations.
- **Training & Stakeholder Engagement:**
 - ✓ Conducted LEED site tours, workshops, and presentations for university students, engineers, architects, and stakeholders.
 - ✓ Trained fresh graduate engineers in LEED documentation, material compliance, and sustainable construction practices.
- **Construction Oversight & LEED Execution:**
 - ✓ Ensured proper execution of LEED commissioning plans, in collaboration with the CxA (Commissioning Authority).
 - ✓ Oversaw the implementation of construction materials according to manufacturer guidelines and Material Safety Data Sheets (MSDS).
 - ✓ Worked alongside the LEED Consultant to resolve on-site construction challenges related to sustainability.

Global Communities (Formerly CHF International)

Full-time job
December, 2013 to May 2014

Ramallah, Palestine www.globalcommunities.ps

Green Design Review Architect

Aqaba school Project – West Bank

- Developed and published departmental environmental policies, procedures, standards, and guidelines by leveraging best practices and ensuring compliance with regulatory requirements.
- Conducted comprehensive LEED workshops to educate stakeholders on sustainable building practices and certification processes.
- Created and documented tracking sheets aligned with LEED and Palestinian Green Buildings Code requirements to monitor project sustainability metrics effectively.
- Reviewed sustainability reports, implementing necessary adjustments and modifications to enhance environmental performance and compliance.
- Examined architectural, electrical, and mechanical drawings to ensure all green systems, materials, and equipment complied with recommended specifications, standards, and values.
- Possess extensive experience with compact wastewater treatment plants (WWTP), including design, implementation, and maintenance.
- Assessed the need for additional staff and consultants, leading recruitment efforts to build a proficient and effective team.
- Reviewed contract documents, specifications, bills of quantities (BOQ), and drawings to ensure accuracy, completeness, and adherence to project requirements.

SBG - Saudi Binladin Group Jeddah, KSA

Full-time job

September, 2010 to August 2012

www.sbg.com.sa

Senior Architect – LEED Coordinator

Princess Nora bent Abdulrahman University Project. – Gold LEED Certified Project

- ✓ Developed architectural drawings, including sections, plans, and elevations, tailored to meet LEED credit requirements.
- ✓ Established and disseminated departmental environmental policies, procedures, standards, and guidelines, ensuring alignment with best practices and compliance mandates.
- ✓ Created, managed, and maintained calculations for regional materials, recycled content credits, and other LEED-related metrics to support sustainable building objectives.
- ✓ Conducted comprehensive data classification assessments and audits, overseeing remediation plans to address identified issues effectively.
- ✓ Coordinated and communicated project progress through regular email updates to stakeholders, ensuring transparency and timely information sharing.
- ✓ Collected and analyzed material specifications to ensure compliance with LEED rating system standards and regulations.
- ✓ Developed and documented tracking sheets in accordance with LEED requirements to monitor and report on sustainability metrics.
- ✓ Monitored and provided guidance on information issues related to payment certificates and contracts, ensuring financial accuracy and contractual compliance.
- ✓ Directed and managed technical aspects related to ISO 14001 certification standards, overseeing progress and documentation to maintain environmental management system integrity.
- ✓ Updated assessment reports with current photographs as required for LEED credits, maintaining accurate and up-to-date documentation.
- ✓ Identified and resolved technical issues and conflicts within the team, fostering a collaborative and efficient work environment.
- ✓ Troubleshoot policy implementation issues, ensuring adherence to established guidelines and facilitating corrective actions as needed.
- ✓ Delivered analytical reports detailing compliance percentages, providing insights into adherence Levels.

Architect – Designer

Adnan Saffarini Consultants Dubai, UAE

www.saffarinidxb.com

Full-time job
January ,2007 to May ,2010

- Urban design Projects:

Emirate City, Emirate Lake Towers - Ajman, Falcon City of Wonders - Dubai, Al nujoom Islands – Sharjah

- ✓ Prepared initial design stages for master planning, developing comprehensive layouts and frameworks to guide future development.
 - ✓ Developed and implemented Development Control Regulations (DCR), establishing guidelines to ensure organized and sustainable urban growth.
 - ✓ Created detailed affection plans for all plots, accurately delineating property boundaries and designations to facilitate effective land use planning.
 - ✓ Determined plot coordinates, Floor Area Ratios (F.A.R), Built-Up Areas (B.U.A), and other critical metrics, ensuring compliance with zoning regulations and optimizing land utilization
- Buildings Projects: Residential, Offices, Commercial, Mixed use, Motels, Hotels, Showrooms, Shopping Mall, Labor accommodations, Warehouses, Mosques.
- ✓ Developed project concepts and conceptual designs in accordance with zoning regulations, ensuring compliance with local planning guidelines.
 - ✓ Prepared comprehensive project design plans (2D), schematic sections, and conducted essential calculations, including Floor Area Ratio (FAR), Built-Up Area (BUA), Gross Floor Area (GFA), net area, parking requirements, and cost estimations, to support informed decision-making.
 - ✓ Led progress meetings with package developers and clients, effectively reviewing daily reports to monitor project advancements and address any issues promptly.
 - ✓ Reviewed technical submittals related to structural and MEP (Mechanical, Electrical, and Plumbing) departments, ensuring all designs met project specifications and quality standards.
 - ✓ Coordinated with the 3D department to finalize design drawings, enhancing visualization and facilitating better communication among stakeholders
- Villas & Villas Complex:
- ✓ Designed multiple villas and villa complexes, including developments of 20 and 24 typical villas, in Dubai and Abu Dhabi, demonstrating expertise in large-scale residential projects.
 - ✓ Prepared comprehensive calculations essential for project planning, such as parking lot layouts, built-up area assessments, lift requirements, and landscaping designs, ensuring compliance with local regulations and optimizing space utilization

Note: Possess extensive knowledge of zoning regulations across various jurisdictions, including Dubai Municipality, Ajman Municipality, and key areas within Dubai such as International City, Mizin, Dubai Investment Park, Dubai Logistics City, Downtown Jebel Ali, and Jebel Ali Free Zone (JAFZA).

P

Architect – Designer Assistant

Arab Engineers, Hebron, Palestine

Full-time job
August, 2006 to December, 2006

- ✓ Designed residential buildings ranging from three to six stories, delivering comprehensive architectural solutions tailored to client needs and regulatory standards.
- ✓ Created architectural designs for personal villas (G+1), emphasizing functionality, aesthetic appeal, and compliance with zoning regulations.
- ✓ Developed designs for local parks, incorporating landscaping elements to enhance community engagement and environmental sustainability.
- ✓ Produced detailed working and technical drawings, ensuring precision and clarity to facilitate seamless construction processes

Part-time Practice
June, 2006 to August, 2006

Architect - Site Superintendent.

Hebron Rehabilitation Committee (H.R.C), Hebron , Palestine

www.hebronrc.org

Project: Development The Old City of Hebron

Personal Interests

Sports: Football, Swimming, Chess

Automobile: Cars in general, sports cars, racing

Technologies and Engineering Programs: AutoCAD 2025, Chief Architect, PV – SOL, Primavera P6, EDGE

Languages

Arabic (native)

English (Excellent)