

RESUME

GERARDO PENA

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Industrial Designer | LEED AP® BD+C | Circular Economy | Design for Assembly (DFA) Practitioner

SUMMARY

Innovative Industrial Designer and LEED AP® BD+C expert in Circular Economy strategies. I specialize in bridging the gap between technical product design and sustainable built environments through Design for Assembly (**DFA**). Experienced in managing complex waste streams for large-scale projects, I focus on creating high-durability, **closed-loop** systems that reduce environmental impact while enhancing operational and manufacturing efficiency.

SOFTWARE SKILLS:

Fusion 360 (3D Modelling), AutoCAD, SketchUp, Photoshop, InDesign, Blender, LEED Online, Microsoft Office.

SKILLS

Technical Drawing.
Construction Documentation.
File Organization
Ability to Follow Technical Instructions.
Sustainability & Environmental Certification.
Teamwork & Collaboration
Effective Communication
Presentation & Report Creation
Project Management & Oversight
Material Research & Selection
Problem Solving & Critical Thinking.
Attention to Detail.
Client Relations & Stakeholder Management.
Knowledge of Green Building Standards.
Time Management & Multitasking.
Leadership & Supervision
Environmental Impact Assessment.
Data Analysis & Reporting.

LANGUAGES

Spanish, English.

CREDENTIALS

LEED AP Building Design+Construction.
U.S. Green building Council.
Issued Mar 2020 Expires Jun 2026
Credential ID 11264444-AP-BD+C

FOODSAFE Level 1
Vancouver CoastalHealth
Valid until: March 26, 2029

EXPERIENCE

Artisan I Baker - Team member.

Rosemary Rocksalt Lonsdale - Vancouver, BC

July 2023 to Present Full Time

Skills: Time management, Team-oriented, Attention to detail, Inventory Management, Problem solving, Fast-paced worker, Product knowledge, Brand representation, Adaptability, Food Safe environment.

LEED Supervisor in Construction Site

MC Consorcio de Ingenieria - Mexico, Mexico City

May 2021 to May 2022 Full Time

Responsibilities:

1. LEED Compliance Management, supervise construction practices to ensure alignment with the requirements for LEED (BD+C)
2. Coordinate with contractors and subcontractors to implement sustainable measures, such as efficient material use and waste reduction.
3. Documentation and Reporting, collect, verify and maintain accurate records related to LEED credit compliance,
4. Collaborate with design teams and LEED consultants to ensure alignment between project design and on-site implementation.
5. Training and Awareness, organize training sessions for site personnel on sustainable construction strategies and LEED requirements.
6. Promote a culture of sustainability among workers by encouraging practices that reduce environmental impact.
7. Environmental Impact Monitoring, continuously assess the environmental impact of the project, including water management, on-site air quality and emissions. Implement mitigation plans to minimize negative impacts during construction phases.
8. Leadership and Problem-solving, serve as the primary link between the construction team, client, and sustainability consultants, address challenges related to the integration of sustainable solutions within project timelines and budgets.
9. Site Audits and Inspections, conduct regular on-site inspections to ensure adherence to LEED standards and identify areas for improvement.
10. Prepare reports on compliance status and provide recommendations for optimization.

Project LEED Consultant

Revitaliza Consultores. Mexico, Mexico City

February 2021 to May 2021 Full Time

Responsibilities:

1. LEED Certification Management. Guided projects through the LEED certification process, ensuring compliance with the chosen rating system.
2. Provided expertise in selecting the most appropriate LEED strategies to meet client sustainability goals.
3. Documentation and Submission, Collected, reviewed, and prepared documentation for submission to the Green Business Certification inc (GBCI).
4. Sustainability Strategy Development, analyzed project design and construction plans to recommend improvements aligned with LEED criteria.
5. Proposed innovative sustainability solutions, such as energy efficiency, measures, material selection, and water strategies.

6. Stakeholder Coordination. Collaborated with architects, engineers, and contractors to integrate LEED requirements throughout project phases.
7. Monitoring project progress to ensure alignment with certification timelines and objectives.
8. Performance Metrics Analysis. Utilized tools and metrics to evaluate project performance in areas such as indoor air quality.
9. Provided detailed reports to stakeholders highlighting project achievements and sustainability impacts.

LEED Supervisor in Construction Site.

IDEA consultoria, Mexico, Zapopan Jalisco.

December 2020 to February 2021 Full Time

Responsibilities:

1. Supervised the implementation of sustainability strategies at the construction site.
2. Coordinated with contractors and projects teams to verify the use of sustainable materials and proper waste management on-site.
3. Conducted site audits to ensure adherence to specifications related to energy efficiency, indoor air quality, and water consumption.
4. Prepared progress reports and documentation required for the LEED certification process.
5. Acted as a link between design, construction, and consulting teams to align sustainability goals and resolve technical issues in real time.
6. Trained on-site teams on sustainable practices and LEED requirements to maximize the project's environmental impact.

Technical Documentation Specialist (Sustainability)

CSO Consultoria Sustentable Orendain, Mexico, Zapopan Jalisco.

Mayo 2019 to March 2020 Full Time

Responsibilities:

1. Managed the preparation and organization of technical documentation for sustainability certification processes.
2. Conducted detailed analyses of project specifications to ensure compliance with environmental and sustainability standards.
3. Collaborated with design and engineering teams to gather, verify and format data required for certification submissions.
4. Created detailed reports and summaries to streamline communication between clients and certifying organizations.
5. Ensured all documentation adhered to established guidelines and deadlines, mitigating risks of delays in project certification.
6. Assisted in developing templates and standardized processes to improve efficiency in documentation workflows.

LEED Responsible.

Grupo Baysa, Mexico, Mexico city.

October 2018 to January 2019 Full Time

Responsibilities:

1. Led the coordination and implementation of LEED standards during the construction of the metal structure for Mexico City's airport.
2. Collaborated with the project management team to integrate sustainable practices into the construction process, ensuring LEED compliance.
3. Supervised and tracked on-site activities related to energy efficiency, waste management, and the use of sustainable materials in the structural build.
4. Coordinated with contractors and suppliers to source materials and systems that met LEED environmental criteria.
5. Prepared documentation and reports to ensure the project met required sustainability benchmarks for LEED certification.
6. Conducted regular site audits to assess compliance with LEED guidelines and provide recommendations for improvement.
7. Acted as the primary point of contact for the LEED certification process, liaising with certification bodies and stakeholders.
8. Provided training to construction teams on LEED practices and sustainability objectives.

Volunteer Worker.

(RE) CREO, Mexico, Mexico city.

April 2018 to October 2018 Part time

Responsibilities:

1. Assisted in the conceptual design of furniture pieces, collaborating with the design team to create functional and aesthetic solutions.
2. Developed digital presentations to communicate design ideas and project proposals.
3. Participated in the interior redesign of social homes.
4. Supported the team in brainstorming sessions, contributing innovative ideas to improve the quality and impact of the project.

Professional Practices.

SUEMA (Sustentabilidad en Energía y Medio Ambiente), Mexico, Mexico city.

October 2017 to April 2018 Full time

Responsibilities:

1. Collaborated in the development and implementation of an inclusive recycling program, aiming to increase community participation and environmental impact.
2. Assisted in the creation of models and infographics to visually communicate the benefits and processes related to sustainability and energy efficiency.
3. Participated in guided tours at the electricity generating plant, educating visitors on energy production processes and environmental practices.
4. Worked alongside the sustainability team to promote awareness of energy-saving techniques and eco-friendly practices within the company and community.
5. Contributed to the design and distribution of educational materials focused on renewable energy and environmental conservation.
6. Supported the creation of reports and presentations to communicate sustainability efforts to stakeholders.

EDUCATION

Certificate.

Digital International Building with Energy Efficiency and Adaptive Comfort.

National Autonomous University of Mexico.

March 2022 to June 2022.

Bachelor's Degree.

Industrial Designer.

National Autonomous University of Mexico.

August 2014 to May 2018.

Introductory Training in Architecture.

National Autonomous University of Mexico. August 2011 to May 2012.

Industry: CAD, Sustainable Design, Industrial Design, Customer Experience, Product Knowledge, Eco-Friendly Practices Brand Representation, Sales Support, Guest Interaction, Community Engagement, Active Lifestyle, Problem Solving, Team Collaboration, Point of Sale (POS,) Management Inventory, Environmental Stewardship, Continuous Improvement, Creative.