



Aida Pilevar – Building Sustainability Consultant

📍 Tehran | 📞 +98 912 043 5590 |

✉️ pilevaraida@gmail.com

🔗 [linkedin.com/in/aida-pilevar](https://www.linkedin.com/in/aida-pilevar)

About Me

I am a Building Sustainability Consultant. In each building project, I offer practical, cost-effective suggestions to enhance performance, creating high-quality, distinctive, luxurious, and enduring architecture.

The outcomes of my analyses and consulting result in high-performance buildings.

For me, a high-performance building means success:

- Reducing environmental impacts like carbon emissions and energy use
 - Creating a landmark project for designers and developers
 - Delivering comfort and well-being to building users
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Work Experience

Energy, and Environmental Consultant

Boom Shahr Paydar | Oct 2021 – Present

Education

B.Sc. in Architecture

University of Tehran | 2014 – 2019

M.Sc. in Architecture and Energy

Shahid Beheshti University | 2019 – 2022

Courses and Workshops

- Data Science for construction - edX
 - One click LCA construction
 - Neuromarketing - Coursera
 - Business basics -NoA
 - Photography basics
 - Islamic architecture
 - Construction systems
 - human, nature, architecture
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Skills

- Energy modeling
 - Revit, Rhino, AutoCAD
 - Building Performance Simulation: DESIGN BUILDER / Eddy3D / DIALux / COOLVENT / Climate Studio / Honeybee / covetool / EDGE / LADYBUG / WallaceiX / Climate Consultant /Velux / THERM / RETscreen Expert / BuildDesk U / Optivent / oneclick LCA / Envimet / Polysun / ANSYS Fluent / Butterfly / Pachyderm
 - Graphic design: Adobe Photoshop
 - Office tools: Microsoft Office, Excel
 - Strong communication skills
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Selected Projects

1. Megawindow (2023)

Architect: PAAD Architects

Role: Energy & Environmental Analyst

- Evaluated integration of greenery, thermal and humidity conditions, airflow, daylight, and energy use for a large operable office window system.

2. Siraz Tourism Complex (2023)

Architect: Next Office

Role: Energy & Environmental Analyst

- WAF winner in “Future Project: Leisure”
- Worked on daylighting, natural ventilation, skylight design, and geothermal heat usage.

3. Parallel Residential Building (2024)

Client: PAAD Office

Role: Energy & Environmental Analyst

- Evaluated thermal performance and outdoor comfort in semi-open spaces for each unit, considering solar radiation and wind.

4. Ham-Hava Restaurant (2024)

Client: PAAD Office

Role: Energy & Environmental Analyst

- Designed for adaptive thermal comfort in semi-open spaces, building upon the Parallel and Megawindow concepts.

5. Khatam University – Faculty of Agriculture (2024)

Client: Avgoon

Role: Energy & Environmental Analyst

- Worked on daylighting, ventilation, energy consumption, and sustainability strategies to meet Green University goals.

6. Solaris Tower (2024)

Client: Imen Sazeh

Role: Energy & Environmental Analyst

- Analyzed wind speeds, façade behavior, and exhaust fan performance at height.

7. The White Renovation(2024)

Client: Olgoo

Role: Energy & Environmental Analyst

- WAF winner in “Sustainability”
- CO2 reduction through structural reuse and Energy performance modeling
- Double-skin dynamic façade performance

8. Khatam Innovation Center (2025)

Client: Avgoon

Role: Energy & Environmental Analyst

- Natural ventilation, energy performance, air quality, and daylight access.

9. Khatam University – Faculty of Art & Architecture (2025)

Client: Avgoon

Role: Energy & Environmental Analyst

- Provided analysis across all design phases on form, lighting, façades, HVAC, acoustic comfort, solar potential, and daylight quality.

Marital Status: Single

Date of Birth: March 30, 1996
