

PERSONAL INFORMATION



JOB APPLIED FOR

Razvan-Andrei Polcovnicu

📍 Iasi, Romania

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Sex M | Date of birth 03-12-1989 | Nationality Romanian

Civil/Structural Engineer

WORK EXPERIENCE

2022 – Ongoing

Structural Design Engineer
SC BLAJ STAR SRL

Activities and responsibilities:

- **Structural Design & Compliance:** Developed structural designs for residential, commercial, and industrial buildings, ensuring compliance with Eurocodes and Romanian national standards (NP, P, CR norms). Monitored key construction phases to ensure adherence to project specifications and quality standards.
- **Site Inspections & Coordination:** Conducted on-site measurements, supervised critical construction stages, and collaborated with contractors to ensure proper execution of structural elements. Maintained close communication with project stakeholders, including clients, architects, and site managers, to address technical challenges and optimize solutions.
- **Technical Documentation & Reporting:** Prepared execution drawings, technical reports, and project documentation. Ensured clarity and accuracy in documentation to facilitate smooth project implementation and compliance with regulations.

Business or sector Civil Engineering

2021 - 2022

Research Assistant

"Gh. Asachi" Technical University from Iasi, Faculty of Civil Engineering and Building Services

Activities and responsibilities:

Part of the winning team at the University "Gh. Asachi" grant contest Compete 2.0. in 2021. Our project is entitled "Hardware-software integrated solution for energetic efficient modular constructions 3D printing (ECOHOUSE-3DPRINT)".

Business or sector Civil Engineering

2018 - Ongoing

Technician / Associate

S.C. LUXWATT S.R.L., Iasi

Activities and responsibilities:

Collaborated in the quoting process with potential clients, ensuring accuracy and competitiveness in proposals.

Conducted thorough research to identify components that precisely met the beneficiary's requirements and budget constraints.

Designed and assembled intricate mechanical mounts tailored to various photovoltaic systems.

Rigorously tested and evaluated the electrical parameters of the entire arrangement, ensuring optimal performance and safety.

Provided expert consulting services to clients, offering valuable insights and recommendations.

Oversaw routine maintenance activities, ensuring the longevity and efficiency of installed photovoltaic systems.

Business or sector Photovoltaic Systems

EDUCATION AND TRAINING

- 2020 - Ongoing** **PhD studies**
Faculty of Civil Engineering and Building Services, "Gh. Asachi" Technical University of Iasi
Building integrated photovoltaic system.
Testing of the photovoltaic parameters: structural, electrical and climate chamber testing.
- 2013 - 2015** **Master degree**
Structural Engineering (in english), Faculty of Civil Engineering and Building Services
"Gh. Asachi" Technical University of Iasi
Thesis: Passive seismic isolators for earthquake response
- 2009 - 2013** **Bachelor degree**
Civil Engineering (in english), Faculty of Civil Engineering and Building Services
"Gh. Asachi" Technical University of Iasi

PERSONAL SKILLS

Mother tongue(s)

Romanian;

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English:	C1	C1	C1	C1	C1
German:	A1	A2	A1	A1	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Social skills competences Good communicator; experience in building relationships developed while as a personal trainer;
Used to working in a small team, thanks to my experience as a PhD candidate and being a technical associate;
Polite.

Organisational skills and competences Organised and responsible developed while verifying proper functionality of the gym equipment;
Prioritization skills acquired while quoting for multiple costumers;
Some stress resistance due to deadlines in the PhD program.

Technical skills and competences Problem solving skills;
Analytical skills;
Quick learner;
Productive.

Computer skills and competences

#	Software	Competence (rating : 1 -5)
1.	Autodesk Autocad	4
2.	Microsoft Office	4
3.	Graitec Advance Design	2
4.	Matlab	2
5.	Mathcad	2
6.	Ansys Fluent	2
7.	PVSketch	3
8.	SolarEdge Designer	3