



Marcela RAILEAN

Systems & Test Engineer

Business Engineer

As an Industrial Business Engineer with expertise in Systems & Test Engineering, I leverage my dual technical and commercial skill set to support companies in developing their projects **internationally** through export missions.

ADAPTABLE TO
MULTICULTURAL
ENVIRONMENTS

07.60.31.38.75

marcela.railean@outlook.fr

Flexible

[/in/marcela-railean-mrl](#)

LANGUAGES

- French - bilingual
- Romanian - native
- English - fluent
- Russian - fluent

COMMERCIAL SKILLS

- Prospection
- International market research
- Export strategy
- Globally minded
- Active listening
- Friendly and engaging

TECHNICAL SKILLS

- Optimal estimation
- Data processing
- Programming: Python, C, G, ST, and VHDL
- Sensor handling
- Instrumentation

INTERESTS



WORK EXPERIENCE

International Business Developer *sep. 2025 – sept. 2026 | 1 year*

[MEIA](#), Toulouse, France



International business development for industry : market studies, client research and prospection, identification of distributors and suppliers

R&D Engineer in Satellite Data Processing for Weather Prediction –

Apprentice Engineer *Nov. 2023 – Sept. 2025 | 2 years*

[SPASCIA](#), Toulouse Ramonville



- Developed an algorithm coupling RTTOV with an optimal estimation algorithm for faster retrieval of atmospheric constituents from IASI satellite data
- Enhanced atmospheric data processing for weather prediction applications
- Collaborated with research and development teams in the aerospace and environmental sectors

EDUCATION

Specialized Master in Industrial Business Engineering *Sept. 2025 -*

Sept. 2026 | 1 year

[INSA Toulouse](#), Toulouse, France



International trade, strategic and marketing planning, prospecting, negotiation, sales | Ranked 1st by EDUNIVERSAL since 2020

Master's Degree in Engineering - Diagnostics, Instrumentation, and Measurement | 2023-2025

[University of Toulouse](#), Toulouse, France



Training for Systems & Test Engineer roles, including:

- Conducting test procedures and presenting results to clients;
- Embedded instrumentation and sensor network protocols (communication buses, standards)
- Instrument control using LabView, Python, and LabWindows/CVI
- Programmable Logic Devices (PLDs)
- Automated diagnostics of industrial systems
- Machine learning

Francophone High School - Moldova | Finished in 2020

[Moldova](#)

Francophone school of excellence, LabelFrancEducation – Graduated with Honors

VOLUNTEERING

Mentor for the GirlsGoIT Mentorship Program | since 2020



Mentor young girls in STEM (Science, Technology, Engineering, and Math) through hands-on activities, career guidance, and skill-building exercises