



CONTACT

- Montevideo, Uruguay
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- LinkedIn

KEY SKILLS

Operation & Maintenance (O&M)

Automation (PLC, HMI, SCADA, DCS)

FullStack Development

Java, JavaScript, C, Python

PowerBI

PowerAutomate

Databases (MySQL)

RESTful APIs

Control Systems

Project Management

EDUCATION

Electronic Engineering

Universidad ORT Uruguay,
Montevideo

March 2019 – March 2025
Grade Average: 88%

First Certificate (FCE B2)

Instituto Cultural Anglo,
Canelones

March 2009 – November 2019

Lucio Gaspar Espino Castro

Electronic Engineer | FullStack & Automation

PROFESSIONAL PROFILE

Electronic Engineer with experience in **Operation and Maintenance (O&M)** of critical infrastructure and FullStack development. Specialized in ensuring operational continuity of industrial systems, implementation of control strategies, and technology asset management. I combine on-site technical capabilities with software development skills to optimize processes.

WORK EXPERIENCE

Automation Engineer for O&M Stiler Project Management, Montevideo

July 2023 – Present

- **Operation & Maintenance (O&M):** Comprehensive management and troubleshooting of sanitation pumping stations, ensuring 24/7 availability.
- **Critical Infrastructure:** Preventive and corrective maintenance of Distributed Control Systems (DCS) and electrical networks (~2000 I/O).
- **Industrial Automation:** PLC programming and HMI/SCADA interface redesign to improve operational efficiency.
- **Asset Management:** Hardware specification and technical coordination with national and international suppliers.
- **Digitalization:** Implementation of PowerBI reports for predictive maintenance and discharge analysis using PowerAutomate.

REFERENCES

Eng. Alejandro Zambrzycki

*Head of Communications & Control at Stiler Project Management
Reference available upon request*

Eng. Lucia Romeo

*Head of Operations & Maintenance at Stiler Project Management
Reference available upon request*

FullStack Developer

GSoft, Montevideo

June 2021 – July 2023

- Development of financial and e-commerce systems (Java, JavaScript, C, Python).
- Implementation of RESTful APIs and back-end development.
- User interface design with PrimeFaces (web) and Ionic (mobile).
- Creation and maintenance of MySQL databases.
- Version management using Git.