Frederico Gago

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🚀 Professional Summary

Passionate Python Developer and Automation Specialist dedicated to streamlining operations and eliminating repetitive tasks. Leveraging a strong foundation in finance, accounting, management, and software engineering to build robust, scalable internal tools. Advocate for Clean Code, SOLID principles, and effective software architecture.

🛠️ Technical Skills

- **Languages & Frameworks:** Python 3.13, FastAPI
- **Databases:** SQL, SQLModel, NoSQL
- **Automation Tools:** Celery, Redis, Playwright, Selenium
- **Principles:** Clean Code, SOLID, Clean Architecture, Type Hints
- **Other Skills:** ERP Integration (Cegid Primavera), Web Scraping, Async Programming

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💼 Work Experience

Developer & Operations

CONFERE - SILVA & SABINO, LDA. | Lisbon *(June 2022 – Present)*

- Lead business process automation projects (accounting, HR, compliance).
- Architect scalable systems using Clean Architecture principles.
- Coordinate cross-functional teams to deliver impactful API integrations.
- Drive efficiency improvements and error reduction through automation.

Junior Software Developer

CONFERE - SILVA & SABINO, LDA. | Lisbon *(December 2021 – May 2022)*

- Maintained and enhanced internal automation solutions.
- Managed Celery workflows, ERP integrations, and asynchronous tasks.
- Delivered iterative improvements in limited timeframes.

Junior Software Developer

Virtualnauta Lda | Lisbon *(December 2021 – May 2022)*

- Developed web scraping frameworks and automation tools tailored for accountants.
- Led the SAFT automation initiative, significantly reducing manual processing.
- Implemented maintainable, testable software solutions using Pythonic design.

Junior Software Developer

CONFERE - SILVA & SABINO, LDA. | Lisbon *(August 2020 – November 2021)*

- Built APIs, asynchronous services, and task automation using FastAPI and Playwright.
- Integrated ERP systems, ensuring efficient data validation and streamlined operations.
- Collaborated with stakeholders to identify and implement key automation projects.

Operations Analyst

CONFERE - SILVA & SABINO, LDA. | Lisbon *(January 2018 – July 2020)*

- Optimized financial, procurement, and HR processes.
- Improved invoicing efficiency and standardized operational procedures.

Administrative Assistant

CONFERE - SILVA & SABINO, LDA. | Lisbon *(June 2015 – January 2018)*

- Supported accounting teams through streamlined documentation and process improvement.

🎓 Education

Bachelor's in Computer Software Engineering
ISCTE - Instituto Universitário de Lisboa, Lisbon (Expected June 2027)

📜 Certifications

- SQL (Basic)
- Pythonic Patterns
- CS50 Harvard
- HackerRank Python
- SQL Server – Primavera BSS – SQL Advanced

🌐 Languages

- Portuguese (Native)
- English (Limited Working Proficiency)

📂 Online Profiles

- GitHub | LeetCode