

FABRICIO LEITE

SOFTWARE DEVELOPER

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SUMMARY

Software Developer with expertise in backend development, API integration, and automation solutions using **C**, **C++**, **Java**, **Python** (Django), and **PostgreSQL**. Experienced in Agile methodologies and CI/CD automation to optimize performance and workflows. Focused on delivering high-quality, scalable solutions that drive business impact.

WORK EXPERIENCE

Brazilian Army São Paulo, Brazil
Specialist (SPC ou E-4) 2011 - 2019

- Designed and developed a **system to control the army's military personnel**.
- Personnel management, human resources, communication systems, military band musician.

Notary office São Paulo, Brazil
Notary Assistant 2000 - 2008

- Developed a complete **payroll system** with calculations for issuing pay slips and **dashboards** for company employees.
- Technical support for **software for managing deeds**, powers of attorney and **database maintenance**. Administration of the personnel department, management of the Notary Office and issuance of apostilles and authentications.

EDUCATION

42 LISBOA Software Development Lisbon, Portugal
Part of the prestigious 42 network, ranked among the top institutions for innovative education in the WURI (World's Universities with Real Impact) ranking. APRIL 2023 - APRIL 2025

PYTHON PRO web Development São Paulo, Brazil
Python Bootcamp at python.pro.br, using **Python**, **Django**, **Docker**, **PostgreSQL**, **Bootstrap**, **Heroku**, **GitHub Actions**, **Codecov**, and **PyUp**. The platform allows the creation and management of online courses, with functionalities for students and instructors. MARCH 2021 - MARCH 2022

METROPOLITAN UNIVERSITY OF SANTOS Degree in Music São Paulo, Brazil
Elementary school music teacher and High Performance in Jazz Saxophone (Bachelor in a Mozarteum College of São Paulo) MAY 2013 - MAY 2018

PROJECTS

🔗 **SHELL Macro Processor | C** JAN 2025

- MiniShell** (~80% Bash-compatible): **command parsing**, fork, execve, pipe, dup2, redirections, environment variables, signal handling (signal, sigaction), and job control. Heavy use of **POSIX** syscalls and tools like **valgrind**, **gdb**, and **strace**.
- Technical lead** under tight deadlines: task planning, code reviews, conflict resolution, and on-time delivery despite team setbacks. Applied agile methods and clear communication.

🔗 **IRC - Internet Relay Chat | C++** DEC 2024

- Development following **Agile methodologies**, using **network programming**, **object-oriented** programming, **memory management**, exception handling, collaboration, and version control using **Git** and **GitHub**.
- led a team in developing** a complete IRC server in C++, following the RFC 1459 protocol. This project enhanced my skills in team leadership.

🔗 **Transcendence | Python, JavaScript** DEC 2023

- Designed and developed a scalable web application following Agile methodologies, using JavaScript Vanilla, Bootstrap, and PostgreSQL, which improved performance and user engagement.
- Implement Two-Factor Authentication (2FA) and JWT, and a remote OAuth 2.0 authentication with 42 API
- Infrastructure with ELK (Elasticsearch, Logstash, Kibana) for log management, reducing navigation failures by 100%
- Integrated RESTful APIs with Python Django, enabling seamless data processing and improving response times by 70%.

LANGUAGES

- English (B1)
- Portuguese (Native)
- Franch (A1)

SKILLS

- Project Management
- Public Relations
- Teamwork
- Time Management

CERTIFICATION

- Project Management and Fundamentals of Agile Methods
- Computer Setup and Upkeep
- Typing