



FACUNDO REMMER

PYTHON BACKEND & DATA ENGINEER

PROFESSIONAL PROFILE

Backend and Data Engineer specialized in the Python ecosystem. Expert in the design and optimization of relational databases (SQL Server, PostgreSQL) and in building robust APIs for the management of critical processes. I have solid experience developing real-time monitoring systems, always prioritizing code quality, scalability, and technical documentation. Currently, my professional focus is on modern high-performance architectures, integrating API development with FastAPI, data-streaming patterns (Kafka), and cloud-native concepts (AWS). I complement my technical profile with analytical capabilities in Data Science and Machine Learning, aiming to transform large volumes of information into business value.

WORK EXPERIENCE

- Backend developer and data analyst** JULY 2023 - PRESENT
MSI integración de sistemas
 - Backend Development & Integrations: Design and maintenance of Python modules that orchestrate data flows between production systems and management tools, integrating external APIs (Google Sheets, SMTP) and authentication services.
 - Data Engineering (SQL Server): Optimization of complex queries (Stored Procedures, Triggers) to automate critical processes, achieving significant reductions in processing times and manual errors.
 - Event-Driven Architecture: Implementation of real-time monitoring systems to supervise production processes, ensuring data availability and early alerts for decision-making.
 - Business Intelligence & Reporting: Automation of KPI reports (PDF/Excel generation with Python) and support for data infrastructure used in Grafana and Power BI dashboards.
- Independent project** DECEMBER 2024 - PRESENT
Software Architect & Lead Developer
 - Multi-tenant Architecture: Designed and developed the core of a SaaS platform using PostgreSQL, implementing logical data isolation for multiple companies on a single infrastructure.
 - Real-Time Synchronization Engine: Built a custom Python-based "Event Bus" to synchronize multiple concurrent desktop clients, solving editing conflicts and real-time latency issues.
 - Software Design: Applied robust design patterns and best practices to ensure scalability, security, and long-term maintainability of the system.

EDUCATION

2021 - 2023 National Technical University:
Technical Degree in Programming

COURSES

- Genexus for Bantotal — 8/10/2024 to 7/11/2024
- Diploma in Coaching and Team Leadership — 9/9/2023 to 29/6/2024

LANGUAGES

- Technical English: fluent reading; basic/intermediate conversation (in progress)

08/02/1998

CONTACT

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PORTFOLIO

<https://portfolio-facundoremmer.vercel.app/>

TECHNICAL STACK

- Languages: Python (Expert), SQL (Advanced), JavaScript / TS
- Backend: FastAPI, Flask REST, WebSockets, Asyncio & Threads
- Data Engineering: SQL Server, PostgreSQL, ETL & 3NF Modeling
- Infra & Tools: Git / GitHub, Docker, CI/CD, Linux Terminal
- Frontend: Next.js, React, Tailwind, PyQt5

SOFT SKILLS

- Proactivity and continuous self-learning
- Clear and effective communication
- Teamwork in technical and multidisciplinary environments
- Tolerance to pressure and delivery management