

Matías Falconaro

SSR. Full Stack developer

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EXPERIENCE

Baitcon SA — Python FS Developer

December 2022 - Present

- Associate SSR. Python FS Developer focusing on the SAP Cloud landscape.
- Integrated DevOps practices, enhancing the efficiency of application releases.

Freelance - Jr. FS Developer

December 2018 - Present

- Developed and maintained web pages, focusing on enterprises.
- Leveraged Python for backend development and Flask framework for web application interfaces.

Pilcomayo SRL — Systems Manager

January 2015 - February 2022

- Create business solutions designed for senior executives and directors
- Optimized stock and production management systems.

Etex Group Argentina — Laboratory Manager & SAP Base Line Support

November 2013 - December 2014

- Assisted SAP PM Module implementation in .
- Streamlined configuration and resource allocation processes.

RELEVANT PROJECTS

Corporate Investment Management App — Associate FS Developer

Baitcon - AySA (Mar 2023 - Present) *Proprietary code*

- Integrated data from AySA's work plan for efficient data management.
- Automated data updates using Pandas and AED systems.
- Facilitated application deployments via CloudFoundry.

Corporate Ministry of Public Works Backend App — Associate Backend Developer

Baitcon - AySA (Dec 2022 - Present) *Productive legacy code*

- Enhanced the non-visual Flask-based application for optimized data processing.
- Unified data sources using Python's Pandas library.
- Automated dataset creation for georeferencing on the official website.
- Played a pivotal role in developing and maintaining APIs for data transmission.

Corporate Construction Management Application (Presidency) — Associate FS Developer

Baitcon - AySA (Dec 2022 - Present) *Productive legacy code*

- Upgraded the Flask-based visual interface for efficient data presentation.
- Centralized user data with Python scripting, enhancing overall data management.
- Devised automation processes for the timely updating of Works Plan.

Corporate SAP App Using OpenAI API — Lead FS Developer

Baitcon (Jun 2023 - Aug 2023) *Proprietary code*

- Developed an application that harnesses OpenAI's model via API.
- Integrated user-friendly queries to retrieve data from the SAP HANA database.

Corporate Oracle-SAP HANA ETL Pipeline — Associate FS Developer

Baitcon - AySA (Jul 2023 - Oct 2023) *Proprietary code*

- Automated ETL processes for data migration from an on-premise Oracle database (Windows) to a cloud-based SAP HANA database (Linux).
- Integrated the enterprise's OnPremise and Cloud databases.

Python Expense Manager Desktop Application — Lead Developer

[Educational] Python diploma project (October 2023 - December 2023)

- Tkinter-based application for expense tracking and management.
- Utilized SQLite3 ensuring reliable and organized expense record storage.

Python backend for a web app AI powered assistant — Lead Developer

Baitcon - AySA (Feb 2024 - Present) *Proprietary code*

- Developed a FastAPI backend that exposes API routes to consume OpenAI-SAP models.
- Implemented Retrieval-Augmented Generation (RAG) as a design pattern to create a documentation knowledge base for user guidance.

Json-based web portfolio — FS Developer

Personal project (January 2024)

- Designed and developed a user-friendly web portfolio using Astro. The portfolio information is sourced from a JSON file, making it simpler to edit and configure.

ABOUT ME

- Analytical
- Adaptable
- Collaborative
- Committed

SKILLS

- Python - Flask - Pandas
- SAP HANA Cloud
- PostgreSQL - SQLAlchemy
- HTML5 - CSS3 - Bootstrap - JavaScript
- Git - GitHub
- Docker - CloudFoundry - AWS - SAP Business Technology Platform
- Linux - bash scripting

CURRENTLY LEARNING

- Machine Learning
- C language

LANGUAGES

- Spanish: Native
- English: FCE

INTERESTS

- Technological Innovations in software development.
- Data-centric pipelines.
- Process automation.
- Low-level systems development.

EDUCATION

- **Univ. de Palermo**
- Computer engineering
April 2023 - Present
- **Univ. Tecn. Nacional**
- Python diploma
- **OpenBootcamp**
- Introduction to programming
- **Educación IT**
- Introduction to web design
- Advanced web design
- Introduction to Python