"Yago Otero Mariño"

"Senior Python & AI Engineer"

Contact

Email changeme@example.com

Location **Vigo, Spain** Web

iago-otero.info GitHub

github.com/iago84

Expertise

AI & Data Science

Computer Vision, LLM Agents, Machine Learning, Pandas/NumPy, RAG Pipelines, TensorFlow/PyTorch

Backend Engineering

Django/DRF, FastAPI, Microservices, PostgreSQL, Python (Expert), Redis/Celery

DevOps & Cloud

AWS, CI/CD Pipelines, Docker, Kubernetes, Linux Administration, Nginx

Trading & Finance

Algorithmic Trading, Backtesting, Binance API, Risk Management Systems, Technical Analysis

Frontend & Desktop

HTML5/CSS3, JavaScript/TypeScript, PyQt6, React/Vue.js

Education

BSc in Computer Science

Universidad de Vigo

2002 - 2014

Profile

Senior Software Engineer and Technical Founder with over 12 years of experience architecting high-performance systems. Specialized in **Artificial Intelligence**, **Algorithmic Trading**, and **Enterprise Modernization**.

Proven track record of building autonomous agents, scalable microservices, and financial modeling tools that drive business value. Expert in bridging the gap between legacy infrastructure and modern cloud-native architectures.

Experience

Nov 2024 - Nov 2025
Spain

Legacy Systems Engineer (ERP) @ AIG (Asesoría Informática Gallega)

Maintenance and evolution of mission-critical accounting ERPs.
- Visual FoxPro systems: stability, performance, and safe delivery.
- Early modernization strategies connecting legacy data to modern interfaces.

Jan 2023 - Dec 2023
Spain

Backend Engineer @ Portales Verticales

Development and maintenance of vertical web platforms.
- Feature delivery with performance and maintainability focus.
- Integration work and iterative improvement of existing systems.

Jan 2022 - Present
Vigo, Spain (Remote)

Founder & Lead AI Engineer @ NAIRA STUDIO LTD

Leading a high-end engineering studio delivering AI, fintech, and modernization solutions.
- Designed autonomous extraction systems (Ultrascrapper) with high-concurrency pipelines.
- Built algorithmic trading infrastructure with real-time risk management.
- Implemented modernization bridges for legacy ERPs and fiscal compliance tooling.

Jan 2018 - Dec 2024
Remote (UK/Spain)

Senior Backend Engineer @ Provectos LTD

Backend engineering for fintech platforms.
- Optimized core endpoints and improved throughput.
- CI/CD and testing discipline to increase stability.
- Mentored developers and established review standards.

Jan 2018 - Dec 2018
Spain

Software Engineer @ Agrupación Galicia

Business software development and system support.
- Reliability-first changes and operational continuity.
- Data workflows and internal tooling improvements.

Selected Projects

ULTRASCRAPPER

`Python, PyQt6, Playwright, AsyncIO, Pandas, SQLite`

Enterprise-grade data extraction suite with autonomous category mapping and high-concurrency pipelines.

BINANCE BOT

`Python, Binance API, NumPy, Pandas, TA-Lib, Docker`

Institutional-grade algorithmic trading system for crypto futures with real-time risk management.

Django Skeletor

`Python, Click, Jinja2, Django, Docker`

Production-ready scaffolding tool for rapid deployment of scalable Django architectures.

SOCCER_AI_MASTER

`Python, Scikit-learn, XGBoost, Pandas, FastAPI`

Predictive sports analytics platform leveraging machine learning for match outcome forecasting.