



PEDRO ORTIZ DE GUINEA

Software Engineer · DevOps
Infrastructure & Trading Systems

\$ contact

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- 📍 Buenos Aires, Argentina

\$ skills

DEVOPS & INFRASTRUCTURE

Docker · CI/CD · GitHub Actions · Bitbucket Pipelines · self-hosted runners · release & version management · AWS · Azure

LINUX & SYSTEMS

Advanced Linux administration · Bash scripting · kernel & latency tuning · logging & monitoring · low-latency hardware

NETWORKING

Nginx & reverse proxies · Cloudflare Tunnels / Zero Trust · TLS/SSL certificates (Let's Encrypt, ACME DNS-01) · VPNs · DNS

LANGUAGES

Python (Pandas, SciPy) · C / C++ · JavaScript (Vue.js, Node) · Java (Spring) · SQL (PostgreSQL, MySQL) · HTML/CSS

TRADING & FINTECH

FIX protocol · QuickFIX · market data & order routing · futures & options · market microstructure · market-making strategies · algorithmic & HFT trading

AI & LLM

LLM tooling in production · agents · support assistants & automated code review

SECURITY

Cybersecurity standards · hardening · risk management · maturity assessments

WAYS OF WORKING

Product ownership · Agile / Scrum · client-facing consulting

\$ education

Computer Engineering

Universidad Católica Argentina (UCA)
2018 – 2024

\$ languages

Spanish
Native

English
Native

// PROFILE

I'm a computer engineer from Buenos Aires and I build and run the infrastructure behind algorithmic trading systems. I was part of Hybridge's founding team from inception and went from junior full-stack developer to **Product Owner of the front end and responsible for DevOps, infrastructure and version management**: I containerized the platform, automated the release pipeline end to end and hardened it to the standard banks expect. I'm equally at home at the low level — FIX, Linux, latency — and in the interface the client actually uses. If you can think it, I can program it.

// EXPERIENCE

Software Engineer → Front-End Product Owner & DevOps Lead

Hybridge Technologies S.A. — Buenos Aires, AR

02/2024 – Present

- ▶ Part of the founding team from inception, building the platform alongside the team across FIX connectivity, back end, strategy logic, front end and client support; today, **responsible end to end for the front-end product, DevOps, infrastructure and version management**.
- ▶ Rebuild of the trading front end (**Vue.js**) into a modern, functional product driven by client feedback, cross-industry UX standards and self-proposed ideas — as Product Owner of the roadmap.
- ▶ Containerization of the whole solution with **Docker** and a **poller-based rollout** that updates every client at once while preserving heavy per-client customization.
- ▶ Design of CI/CD from scratch — **GitHub Actions + Bitbucket Pipelines**, self-hosted runners — fully automating builds and releases, plus test environments and staging servers.
- ▶ Restructuring of version management across repositories (branching, code-smell cleanup, traceable releases), plus a **security** uplift to the level banks and financial institutions require: attack-surface hardening, zero-trust access, secrets management.
- ▶ Low-level work: **FIX / QuickFIX** connectivity, market data and order routing, Linux tuning for latency — plus advisory for clients building their own trading hardware.
- ▶ **AI tooling shipped to production**: an internal support assistant and an LLM-based code reviewer that screens pushes and measurably improved code robustness.

stack: Python · C++ · QuickFIX/FIX · Vue.js · Docker · Linux · Bash · GitHub Actions · Bitbucket Pipelines · AWS · LLM agents

Jr. Cybersecurity Consultant

KPMG — Buenos Aires, AR

08/2023 – 02/2024

- ▶ Consulting projects covering cyber maturity assessments and cyber risk management. Direct client work identifying vulnerabilities and building remediation plans that improved their overall security resilience.

NOR X & XI — Derivatives Trading Program

A3 Mercados — formerly Matba-Rofex

07/2024 – 11/2025

- ▶ Selected for the 10th and 11th editions of the NOR program, which trains futures and options operators for the Argentine derivatives market.

// INTERNSHIPS

PreSales Intern @Nokia

04/23 – 08/23

Java Developer Intern @Globant

09/22 – 02/23

RPA Intern @IBM

06/21 – 01/22

// references and project walkthroughs available on request _