Francisco Roldán

Senior Python Engineer & Technical Lead

Argentina · Open to remote opportunities worldwide · Full-time or contractor

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Professional summary

Co-founder and partner at DIAMO since 2013, with 13+ years in software development. I translate complex business requirements into backend systems, accounting workflows, and practical software solutions.

My work combines Python development and architecture with team leadership, project planning, and coordination with clients. I stay involved from technical decisions through deployment and ongoing support.

Experience

DIAMO — Co-Founder & Technical Lead

2013 — Present

- Lead development teams, define technical direction, and support implementation.
- Manage projects from requirements and planning through deployment and ongoing support.
- Coordinate scope, priorities, and timelines with clients and internal stakeholders.
- Design and develop Python applications, ERP extensions, APIs, and automated business workflows.

Technical focus

Backend: Python, REST APIs, multi-tenant systems, integrations, business logic

Enterprise software: Frappe, ERPNext, accounting, purchasing, sales, inventory

Infrastructure & data: Docker, MariaDB / MySQL, PostgreSQL, Supabase, cloud deployments

AI & automation: LLM integration, agents, tool calling, MCP, OpenAI-compatible APIs

Selected engineering work

Argentina localization for ERPNext

Developed the comprehensive Argentina localization for DiamoERP, including electronic invoicing, tax customizations, and fiscal reports. ARCA electronic invoicing integrated with ERPNext. Tax perceptions and withholdings for local business workflows. VAT reporting and customizations for Argentine accounting requirements.

MercadoLibre integration & event broker

Developed the MercadoLibre integration and event broker with centralized OAuth authorization, token lifecycle management, durable webhook processing, and signed event delivery to ERP sites.

DiamoERP platform development

Built shared platform capabilities for site configuration, user and API access management, subscription limits, and usage tracking.

AI integration for ERP operations

Integrated Flow assistants and purchasing tools with per-site model configuration, access controls, token-based metering, and credit management.

Open source

Alongside custom application development, I contribute fixes and features to the Frappe ecosystem. My merged pull requests date back to 2017.

frappe/bench #1195 · frappe/erpnext #30882 · frappe/frappe #28839

Languages

Spanish: Native · English: Intermediate