

ANDRES QUINTERO

AI Engineer · Automation and self-hosted infrastructure

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SKILLS

Languages and data

- Python
- TypeScript
- PostgreSQL
- MySQL
- Redis

AI

- Local models (Ollama, vLLM)
- Vertex AI
- OpenAI
- Anthropic
- RAG and vector databases
- STT and TTS
- OCR
- MCP

Automation

- Self-hosted n8n
- Selenium
- Playwright
- Odoo
- Holdded
- Pipedrive
- Payment gateways

Infrastructure

- Proxmox
- OPNsense
- Docker
- WireGuard
- HAProxy
- AWS
- Google Cloud
- Hetzner
- Coolify
- Linux
- ZFS

Security

- Network segmentation
- Hardening
- Secrets management
- Anonymisation (Presidio)
- Audit trails

LANGUAGES

Spanish

Native

English

B1 · fluent technical reading, spoken English developing

PROFILE

I build conversational agents, automate processes and run the infrastructure they live on, end to end. When the data is sensitive I work with local models and a segmented network, so it never leaves the client's perimeter.

EXPERIENCE

AI and infrastructure developer

Apr 2025 – Jul 2026

Legaltech company

- Sole technical profile in the company: development, applied AI, infrastructure and security.
- RAG over Spanish case law and legislation (CENDOJ, BOE) with Vertex AI Search and an own FastAPI backend: hashed keys, signed URLs, sessions and audit trail.
- Communications hub unifying WhatsApp, email and telephony: calls transcribe themselves and arrive with a summary, key dates and actions.
- On-premise server on Proxmox and OPNsense: segmented network and self-hosted stack, removing the recurring SaaS cost.

Founder and operator

2017 – present

Own subscription business

- More than 400 customers acquired by me: social media acquisition, sales and support over WhatsApp.
- Recurring billing in InvoiceNinja, with automated collection and reconciliation.
- I run it single-handed because it is automated end to end.

Founder and operator

Jan 2016 – Aug 2017

Subscription proxy service, own business

- More than 150 paying customers, billed by connected device count.
- AWS infrastructure deployed and operated entirely by me, single-handed.
- Continuity under denial-of-service attacks: address rotation, migration and recovery without cutting customers off.

Founder and owner

2019 – 2021

Own restaurant

- Own venue with up to seven employees, built through the pandemic on demand captured beforehand on social media with automations of my own.
- Self-hosted Odoo on Docker for sales, inventory, purchasing and invoicing; cameras installed and operated by me.

OWN PROJECTS

Private AI infrastructure

IN PRODUCTION

Own server with a dedicated GPU: language, voice and document-search models running locally, behind a segmented network.

- Proxmox
- GPU passthrough
- Local models
- OPNsense
- WireGuard
- HAProxy

Infrastructure operations agents

IN PRODUCTION

Agents running local models that audit, create machines and deploy services. Nothing is applied without human approval, and every action lands in Git.

- Proxmox
- OPNsense
- Local models
- Git

Recurring billing and payment validation

IN PRODUCTION

Recurring billing and OCR receipt validation: account, approval number and date, with no human in the loop.

- n8n
- OCR
- LLM
- MySQL
- InvoiceNinja

Self-hosted voice agent

IN DEVELOPMENT

Transcription, model and speech synthesis running locally on an own PBX with a SIP line.

- SIP
- Self-hosted PBX
- STT
- Local LLM
- TTS