

Walfran Borre

FRACTIONAL CTO · AGENTIC AI ENGINEER & ORCHESTRATOR · FULL-STACK / WEB3

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Computer Engineer and Fractional CTO with 25+ years building and leading across AI, Web3, IoT and distributed systems — from Venezuela to China to Spain. Now working in the agentic paradigm: I design, direct and orchestrate fleets of specialized AI agents across the full delivery lifecycle. Deep expertise in blockchain business-model innovation, Digital Product Passports and LLM/RAG systems, hands-on across Python, Go, TypeScript/Next.js, Rust and cloud (AWS/Azure), with a track record of taking products from zero to live and leading cross-functional teams.

AGENTIC AI — DIRECTED & ORCHESTRATED BY ME

AI Agent Engineer · AI Orchestration Engineer · Agent Reliability Engineer · AI Safety Engineer · Context Engineer · AI Platform Engineer · Forward-Deployed / Applied AI Engineer · Cognitive Architect

EXPERIENCE

Fractional CTO · Lead Full-Stack Engineer · UX/UI · Database Architect Jan 2026 — Present
trade.global · Traceability Trade SL · Remote

- Designed and built the entire next-generation Digital Product Passport (DPP) platform end to end — frontend, UX/UI, database and backend.
- Architected lifecycle traceability from raw materials to recycling with immutable blockchain checkpoints; fused AI, IoT and blockchain into a unified data core.
- Shipped a multi-tier SaaS product (membership plans, full API access) with a trilingual interface (English · Español · Chinese) and dark mode.

Fractional CTO · Product Manager · UX/UI · AI Flow Builder Jun 2025 — Dec 2025
velocraze.com · Remote

- Took a cross-functional team of 4 (3 backend, 1 frontend) from zero to a live product, owning architecture, roadmap, UX/UI and the AI pipeline.
- Defined a microservices, event-driven architecture across Python, Go, Next.js and AWS.
- Built messaging with Apache Kafka & RabbitMQ and task queues with Celery; designed LLM-assisted, RAG-style and agentic workflows.

EMEA Support Engineering Manager Aug 2021 — Oct 2024
Fanvil Technology Co., Ltd · Shenzhen, China

- Led pre-sales and technical support across EMEA for IoT, VoIP and cloud products, driving integration, troubleshooting and customer success.
- Trained distributors and customers managing 1,000+ IoT audio/video devices in large-scale projects.
- Owned Fanvil's presence at Integrated Systems Europe (ISE), Barcelona, two years running. Deep SIP, Wireshark, TR-069, REST and ITIL expertise.

Chief Technical Officer Jan 2016 — May 2021
Oneandbit LLC · A Coruña, Spain & Pembroke Pines, USA

- Designed and shipped blockchain solutions for logistics and manufacturing, combining IoT and digital twins with secure data-governance frameworks.
- Pioneered token-based validation systems for scalable, high-demand log-data processing; built EDI systems.
- Validated decentralized networks — BitcoinSV, Ethereum, NEM, Bitcoin, IOTA — and drove Blockchain Business Model Innovation for Industry 4.0/5.0.

Senior System & Network Administrator 2014 — 2017
Networkguru · Valencia, Venezuela & Pembroke Pines, USA

- Ran help desk and support for 500+ workstations in data-critical, high-availability environments.
- Deployed VoIP telephony (Asterisk, FreePBX), virtualization and disaster-recovery; Kaspersky Business Edition reseller and endpoint-security lead.

Technical & Operations Director 2005 — 2014
Pcclinique.com · Valencia, Venezuela

- Unix/Linux system administration and infrastructure management across computing clusters, cloud and core servers in 24/7 production.
- Led Linux virtualization (VMware, Proxmox, Oracle VM, Xen); administered WAN/LAN/VLAN/VPN and the full LAMP stack.

Startup Founder & CTO 2001 — 2008
Rumbavalencia.com · Valencia, Venezuela

- Founded and led a startup end to end — vision, product development, team building and go-to-market — in a fast-paced, pivot-driven environment.

EDUCATION

B.Sc. Computer Engineering
Universidad José Antonio Páez (UJAP) · Venezuela
2000 — 2006

LANGUAGES

Spanish Native
English C1 · Proficient

SELECTED PROJECTS

- trade.global — AI-driven Digital Product Passports & blockchain supply-chain transparency.
- oneandbit.com — Industrial tokenization platform for fractional ownership, IoT sensors notarized on-chain.
- iostamp.com — Blockchain timestamping & verification for digital intellectual property.
- felo.live — Live group voice-chat mobile app and social platform.
- Universal Plastic — Technical whitepaper: Blockchain + AI protocol for ocean-plastic data certification (2021).

SKILLS

AGENTIC AI
Multi-Agent Orchestration · LLMs · RAG · Prompt & Context Engineering · MCP · AI Safety & Reliability

DATA & INFRASTRUCTURE
PostgreSQL · MongoDB · Redis · Prisma · Docker · Kubernetes · AWS · Azure · Cloudflare · Kafka · RabbitMQ · Celery · Linux

IOT & NETWORKING
SIP / VoIP · Asterisk · Wireshark · TR-069 · ITIL · Virtualization (VMware, Proxmox)

LANGUAGES & FRAMEWORKS
Python · Go · TypeScript · Next.js · React · Rust · Node.js · PHP · Dart / Flutter

WEB3 & BLOCKCHAIN
Solana · Ethereum · Bitcoin · Smart Contracts · Digital Twins · Digital Product Passports · EDI