

David Valor

AI ENGINEER | FRAUD & AML | LLM / AGENT SECURITY

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Production AI systems across financial crime, compliance, OSINT, computer vision, and agent security. Seven years shipping auditable LLM workflows, reliable backends, and cloud systems. Available for focused contracts and paid pilots.

EXPERIENCE

Full-Stack AI / Fraud Engineer - Grupo Analytiko / Grupospip

Feb 2021 - Present (part-time since 2024) | Remote

- Production intelligence and anti-fraud platform used by corporate security teams and banks; backend APIs, MVC/Redux, code reviews, and unit testing.
- Built OSINT search across 15 sources with async orchestration, partial-failure handling, and an LLM relationship assistant.
- Fixed a socket-ACK race condition that double-charged credits; diagnosed Cloud Run 503/startup failures; shipped Playwright E2E across 15 APIs and self-hosted Firecrawl.

Stack: Node.js, TypeScript, Angular, Python, MongoDB, SQL Server, Docker, GCP Cloud Run, Playwright, LangChain

AI / Computer Vision Engineer - Aicive

Feb 2026 - Present | Remote

- Worked across the S3 video -> pose estimation -> movement analysis pipeline using AWS Lambdas, GraphQL, and database persistence.
- Implemented and validated biomechanical indicators for shoulder, elbow, wrist, and hand; supported micro/macro labor outputs, typed results, evaluation errors, and test fixtures.

Stack: Python, AWS Lambda, pose estimation, GraphQL, data pipelines

Frontend / Data Integration Engineer - Smart Compliance (SIA)

Oct 2024 - Present | Remote, Chile client

- Built a React/TypeScript temporal planning UI for action plans, commitments, control cycles, and compliance rules.
- Enforced past/future edit rules and date/periodicity consistency; shipped typed AppSync/Lambda adapters and optimistic control/action-plan updates.

Stack: React, TypeScript, Apollo, GraphQL/AppSync, AWS, Vite

Full-Stack / IoT Engineer - GeoSelfie

2021 - 2023 | Remote

- Maintained a Vue/Node platform connecting remote camera units, PTZ capture, S3 storage, WebSocket services, and AWS deployments.
- Built camera-calibration flow from Vue point selection through backend/unit computation and persistence; added branding propagation and scheduled email Lambda.
- Added uploader fail-safes, offline tests, deployment/rollback documentation, and fixes for socket and connection failures.

Stack: Vue, Node.js, Python, AWS, S3, Lambda, WebSockets, CloudFormation

Full-Stack Engineer & Tech Lead - Altyro

May 2021 - 2022 | Remote, Chile

- Owned logistics admin flows, Flow payments, SQL/Sequelize fixes, React UI, QR shipping labels, deploy scripts, and team coordination.

Stack: React, Node.js, Express, Sequelize, MySQL, Bash, payments

Independent AI Engineer / Full-Stack Developer

2019 - Present

- Builds LLM products, RAG systems, agents, chatbots, and automation for web, Twitch, WhatsApp, and Telegram; generated 500+ SEO landing pages with cost controls and human validation.

Stack: Python, Node.js, React, OpenAI, Anthropic, Llama, RAG, tool-calling

CORE VALUE

Domain: AML, fraud adjudication, account takeover, mule networks, sanctions, KYB, transaction monitoring, OSINT.

AI security: prompt injection, tool abuse, data leakage, agent guardrails, adversarial evals, auditable rationale.

Computer vision: pose estimation, biomechanical indicators, remote camera workflows, calibration and edge-unit reliability.

Engineering: production ownership, concurrency, reliability, observability, cloud cost/performance, clean handoff.

STACK

AI/LLM: Python, OpenAI, Anthropic, Llama, LangChain, LlamaIndex, RAG, tool-calling, evals.

Backend: Node.js, TypeScript, REST, GraphQL, WebSockets, event-driven systems.

Frontend: React, Angular, Next.js, Vue, Vite, Apollo, AppSync.

Cloud/Data: AWS, GCP Cloud Run, Docker, MongoDB, PostgreSQL, SQL Server, Playwright.

SELECTED WORK

Skuld OSINT / Analyst - live product for sanctions/adverse-media research and fraud-alert triage with auditable evidence.

OpenSanctions API - AML screening with deterministic prefiltering, grounded LLM adjudication, prompt-injection defenses, and audit records.

Live Twitch AI - Python + LangChain + Llama 2 agent with session memory and real-time responses.

EDUCATION & LANGUAGES

UNEFANB - Venezuela
Spanish native | English professional/technical

AVAILABLE FOR: AI/LLM ENGINEERING | FRAUD & COMPLIANCE | AGENT SECURITY | FULL-STACK AI
Remote contracts and paid pilots