

Ovidio Andrade

Senior Backend & Platform Engineer

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Senior Backend & Platform Engineer with 5+ years building and operating Python services, AWS systems, data workflows, and production AI. Uses frontier models throughout architecture, implementation, testing, and automation while owning systems from design through production. Based in Colombia.

EXPERIENCE

Tech Lead - Grupo N1 | 2026 - Present

- Own the company's technology platform end to end, with primary responsibility for backend architecture, cloud infrastructure, servers, deployments, production reliability, and technical operations.
- Lead decisions across system design, APIs, data, CI/CD, observability, and incident response; oversee frontend delivery while remaining hands-on primarily in backend and platform engineering.

Backend Engineer - Hubtek | 2024 - 2026

- Owned the full lifecycle of a platform that unified multiple transportation management systems, from architecture and implementation through production maintenance.
- Built a Chrome extension and AI-agent workflow that extracted logistics load data and populated the platform automatically, reducing manual work during call operations.

Backend Engineer - Chile Registros | 2023 - 2024

- Designed RPA and web-scraping pipelines that consolidated multiple data sources into a centralized backend system.
- Built a search service that surfaced critical production data in seconds; containerized legacy applications and deployed them on AWS.

Backend Engineer - Cumplimiento Lean | 2023

- Delivered a Dockerized AI transcription platform that increased user throughput from one transcription per day to more than ten.

Backend Engineer - Grupo Cubo | 2021 - 2023

- Built backend APIs for a process-management platform, implemented CI/CD practices, and optimized SQL queries and reporting workflows.

SELECTED ENGINEERING WORK

- Production automation: delivered workflows that processed 750K+ files, automated 87K+ deliveries, and contributed to 50.3% user growth.
- AI audio platform: event-driven AWS Lambda processing, custom RAG search, and model routing designed around throughput and cost control.
- AI Data Insight Analyzer: deployed Next.js application for CSV/XLS/XLSX ingestion, automatic KPI detection, dynamic charts, and AI-assisted recommendations.
- Public portfolio MCP: read-only tools with strict schemas and security boundaries for recruiter and agent access to public work history.

TECHNICAL SKILLS

Backend: Python, FastAPI, Django, Flask, REST APIs, distributed systems | **Platform:** AWS, Docker, Kubernetes, CI/CD | **Data:** PostgreSQL, MongoDB, Redis | **AI:** frontier-model tooling, AI agents, RAG, MCP, n8n | **Web:** TypeScript, JavaScript, React

EDUCATION

Electronic Engineering - Universidad del Magdalena | 2017 - 2022 **Software Development** - Universidad del Norte | 2021