

# Alejandro Vega

Full Stack Developer · React · Python (FastAPI / Flask) · NestJS · PostgreSQL · BigQuery

Bogotá, Colombia (GMT-5) · Remote / hybrid  
Portfolio: 4ledmt.dev · LinkedIn · GitHub

## PROFILE

Full Stack Developer in the industry since 2023 (coding since 2021), across fintech, logistics and media. I own features end to end, from design to production, and I work close to the business: I understand the problem before writing code and propose the simplest way to solve it. My focus is removing manual work: I took the generation of 10,000+ shipping labels from hours to seconds, built GPS tracking for a ~500-vehicle fleet, and automations that save the team 5 to 20 hours a week.

## EXPERIENCE

### Roda — Full Stack Developer

Mobility fintech (electric and gas vehicles) · Jun 2025 – present

- Designed and led the **initial GPS tracking platform**: operations now sees the **~500 fleet vehicles** on a map. (GPS operator integration, data processing and API.)
- Automated manual **payments, credit and collections** processes, with **fewer errors and mismatches** when applying payments. (Python microservices: FastAPI / Flask.)
- Built the **CRM** and internal dashboards operations works with, plus customer-facing views. (React + Vite.)
- Automated the team's repetitive tasks, now saving **5 to 20 hours a week**. (Trello, Notion and Gmail APIs.)
- Built an AI tool, grounded in technical and business context, that helps **PMs write user stories**.

### VegaReparaciones — Full Stack Developer (freelance)

2025

- Designed and built the business website so customers find it on Google: Google PageSpeed scores of **SEO 100, accessibility 96 and performance 90**. (Next.js.)

### Kiki LATAM — Mid-level Developer

Logistics / e-commerce · 2024 – 2025

- Shipping labels were generated **by hand, one at a time, taking hours**. I turned it into a **seconds-long process for 10,000+ labels**, and operations stopped doing it manually. (PostgreSQL stored procedure called from NestJS.)
- Connected the platform with **external carriers** and built screens for operations. (REST APIs in NestJS / Node.js.)
- Built **graphs of the microservice architecture** so the team could understand dependencies and flows between services.

### Pulzo — Junior Backend Data Tracking Developer (joined as an intern)

Digital media · 2023 – 2024 · promoted from intern to developer in 6 months

- Brought **5+ years of audience data** into one place and built the **dashboards the sales team and leadership use** from scratch. (Python, BigQuery, Looker Studio.)
- Migrated the site analytics to Google's new version (**UA to GA4**) **without losing history**, and implemented event tracking.

## PROJECTS

### Support Triage — [github.com/AlejandroVegaFullstackDev/support-triage](https://github.com/AlejandroVegaFullstackDev/support-triage)

Open source · 2026

- Event-driven support system: **NestJS + PostgreSQL** API, **FastAPI** triage agent and **React** panel, connected through **RabbitMQ** with dead-letter queues.
- LLM integration (Claude / OpenAI) with structured output** and a local classifier fallback. **CI on GitHub Actions** with tests and an end-to-end run in Docker Compose; decisions documented as ADRs.

## TECHNICAL SKILLS

- Frontend**: React, Vite, Angular, Astro, TypeScript, JavaScript, HTML, CSS
- Backend**: Python (FastAPI, Flask), Node.js (NestJS), REST APIs, microservices, RabbitMQ, third-party integrations
- Data**: PostgreSQL (stored procedures, optimization), TypeORM, SQL, BigQuery, GA4, Looker Studio
- Cloud & DevOps**: Docker, Docker Compose, GitHub Actions (CI), automated tests (Pytest, Jest), GCP (BigQuery), AWS (compute), Git
- AI & automation**: LLM integration (Claude, OpenAI) with structured output, AI-agent-assisted development, Trello, Notion and Gmail APIs

## EDUCATION & LANGUAGES

- Systems Engineering**, UNIMINUTO (in progress) · **Programming Technician**, SENA (2021 – 2022)
- Languages** — Spanish (native) · English intermediate (B1): technical reading and writing.