



David Orlando Miranda Roa

Full Stack Developer

Bogotá, Colombia · remote

PROFILE

Full stack developer with 15+ years in IT: I started as a hardware, networking and server technician, and since 2022 I have built web products end to end. I led a technical team on a regulatory-compliant traceability platform, and today I ship SEO-ready websites at a marketing agency while serving my own clients. My strength is backend work with solid business logic and taking a project from idea to production, domain and metrics included.

EXPERIENCE

Web & SEO Developer

May 2026 – present

DigitalYa · digital marketing agency, Argentina · remote

- 42 websites assigned in five months, 30 already delivered, for law firms and professional practices.
- Own the full cycle of each site: design, Astro and TypeScript development, technical and local SEO, Cloudflare deployment, DNS and domain.
- Automated the agency's workflow with scripts and AI agents: project scaffolding, verified deploys, delivery tracking and Jira follow-up.

Technical Lead

Sep 2024 – May 2026

Colombian Cannabis Center · regulated agrotech

- Designed the backend of the farm-management platform with plant-to-batch traceability built for audits (NestJS, PostgreSQL, Docker).
- Led the frontend team behind the commercial website and the internal app, with role-based access.
- Set the technology strategy and the quality and information-security practices.

Full Stack Developer

Jul 2023 – Aug 2024

AppTender

- Migrated the legacy backend from Express to NestJS.
- Built endpoints integrating Meta, Brevo and OpenAI, plus frontend features in Vue.

Freelance Full Stack Developer

2023 – present

Daev

- Chez Boaz Tours: rebuild with online booking and deposits; mobile LCP down from 7.9 s to 1.6 s.
- Ópticas Apolo Visión (e-commerce and booking), Climb Rock (industrial safety), Invicto (payment gateways) and others.

IT Support & Infrastructure Technician

2008 – 2022

Independent

- Maintained hardware, networks, operating systems and servers for businesses and households.
- Built management apps on SQL Server and Access, and websites with Dreamweaver.

EDUCATION

in progress

Google UX Design Professional Certificate · Coursera

in progress

Claude Code 101 · Anthropic · Coursera

2022 – 2023

Full Stack Bootcamp · Henry · 800 h

2023

Java Upskill · Henry · 300 h

2023

NDG Linux Unhatched · Cisco Networking Academy

2022

IT Essentials in JavaScript · OpenEDG JS Institute

2010 – 2011

IT Administration & Support · SENA · Cisco IT Essentials

2005 – 2008

Technical Degree, Systems Analysis & Programming · IE Alexander von Humboldt

CONTACT

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AT A GLANCE

45+ projects delivered

15+ years in IT

4+ years in full stack development

SKILLS

Backend

Node.js, NestJS, Express, PostgreSQL, MySQL, MongoDB, REST APIs, Java/Spring

Frontend

React, Next.js, Astro, Vue, TypeScript, Tailwind CSS

Infrastructure

Linux, Docker, Cloudflare (Workers, Pages, D1, DNS), Vercel, AWS, CI/CD

SEO

Technical and local SEO, structured data (JSON-LD), Core Web Vitals, IndexNow

Practices

Scrum, TDD, SOLID principles, Git, Jira, AI agents

LANGUAGES

Spanish — native

English — working toward B2, IT-focused

RESEARCH & ACADEMIA

2012 Computational biology (UNAL): cladograms from DNA sequences, in Perl with LaTeX reports.

2010 Social statistics lab using R.