

Alanfer Orozco

Senior Full-Stack Developer

Mérida, Yucatán, Mexico | +52 998 495 3814 | alanferorozco@hotmail.com |
linkedin.com/in/alanfer-orozco | orocanfer.com

Summary

Backend-focused senior full-stack developer with 10+ years of experience designing, building, and maintaining high-availability web applications and APIs across Node.js, Python, PHP, and .NET stacks. Comfortable owning a project end to end: requirements, database design, API development, frontend delivery, and cloud infrastructure (AWS, Azure), with a track record of measurable performance and process improvements. For the past two years I've built AI-assisted development (Cursor, Claude Code) into that workflow, applying spec-driven and test-driven practices to keep agent-authored code correct and maintainable. Currently building backend services and HubSpot ecosystem integrations for a remote-first team.

Skills

Technical: Node.js (NestJS, Fastify, Express), AI-assisted development (Cursor, Claude Code), React, Vue.js, TypeScript, Astro, Tailwind CSS, Django (Python), Laravel, .NET (C#, MVC, Web Forms, Razor), Entity Framework, LINQ, REST APIs, Microservices, PostgreSQL, MySQL, MongoDB, SQL Server, Redis (BullMQ), AWS (ECS, Lambda, EC2, S3, Route 53, SQS, ALB), Azure, Docker, Nginx, Datadog, Sentry, CI/CD, Linux, HubSpot APIs (CRM, CMS, HubDB), WordPress, Xamarin, Jest, Pytest, Cypress, GitHub Actions, Git

Professional: Critical thinking, problem solving, project planning, communication, leadership, SCRUM/Agile

Experience

Senior Full-Stack Developer — Instrumental Group

Nov 2021 – Present

Colorado, USA (Remote) — HubSpot partner agency (inbound marketing & product development)

- Design and maintain backend services and APIs for HubSpot's user community and internal tools using Node.js (NestJS, Fastify) and MongoDB.
- Build UI extensions with HubSpot's own React component library, giving backend-integrated features a close-to-native CRM look and feel.
- Built a per-tenant rate limiter and job queue (BullMQ/Redis) to safely clone large HubSpot object graphs without exceeding customers' own API limits, and architected sync logic keeping MongoDB and HubSpot's CRM objects consistent across dozens of independent portals without feedback loops.
- Use AI-assisted development tools (Cursor, Claude Code) daily to accelerate delivery, applying spec-driven and test-driven practices to keep agent-authored code correct, secure, and maintainable.
- Created internal Node.js boilerplate templates that reduced developer onboarding time by 40%.
- Provide technical mentorship and code reviews across teams.
- Manage AWS infrastructure (ECS, Lambda, EC2, S3, Route 53) supporting full-stack applications in a Linux-based environment.

Backend Developer — Revoluciones

Aug 2021 – Mar 2022

Tijuana, Mexico (Remote)

- Designed and deployed backend services and APIs using Django (Python) and PostgreSQL.
- Implemented CI/CD pipelines for Linux-based deployments.

- Optimized database queries, improving API response times by 30%.
- Introduced a lightweight SCRUM process (daily standups, sprint planning) that improved the team's visibility into each other's work.

Full-Stack Developer — Geko Digital

Dec 2020 – Aug 2021

Guatemala (Remote)

- Led end-to-end project delivery with Laravel and Vue.js, maintaining direct client communication throughout the lifecycle.
- Implemented automated testing and optimized MySQL database performance.
- Configured and maintained Linux servers for development and production environments.

Full-Stack Developer — TRAFICTOURS

Jul 2019 – Jul 2020

Cancún, Mexico

- Developed .NET MVC and Xamarin applications integrated with SQL Server, using Entity Framework and LINQ for data access.
- Built a reusable white-label landing page boilerplate, cutting manual construction time by up to 40%.
- Migrated 12 years of production data to a newer, normalized SQL Server schema using a parallel migration strategy, validating every record with a dedicated post-mortem process.
- Automated internal data workflows, reducing manual processing effort by 25%.
- Managed Azure cloud deployments (applications, databases, functions) and monitoring.

Full-Stack Developer — Marketing Digital 360

May 2016 – Apr 2019

Cancún, Mexico

- Joined as the agency's first developer and built out its engineering team from scratch, mentoring each new hire while keeping deliveries clean and maintainable.
- Built custom web platforms with Laravel and Vue.js, plus WordPress-based solutions.
- Led IT operations, managed MySQL databases, and drove SEO improvements.
- Delivered mobile-first marketing campaign solutions, including AMP pages and Xamarin apps.

Education

Bachelor of Information and Communication Technologies (ICTs)

2017

Universidad Tecnológica de Cancún

Languages

English (professional working proficiency) | Spanish (native)