

Carlos Eduardo Gómez García

Senior Full Stack Developer — Backend, Frontend, DevOps & AI | Distributed Systems, APIs, Cloud
me@retaxmaster.com | +52 936 102 1798 | Mexico | <https://retaxmaster.com> | <https://github.com/retaxmaster> | <https://www.linkedin.com/in/retaxmaster/>

SUMMARY

Senior full stack developer with 7 years shipping production systems end to end — from VPS deployments to distributed, message-driven microservices and fintech compliance backends handling up to 10M evaluations a day. I work across backend, frontend, cloud/DevOps and production AI, owning system design, secure APIs and CI/CD, and I mentor teams while keeping architecture clean and maintainable.

EXPERIENCE

Sr. Software Developer, Nubank

2025-08 – 2025-12

Remote / Colombia-focused systems

- Co-built the politically exposed person (PEP) evaluation backend for Nubank Colombia onboarding, serving up to 10,000,000 registration evaluations per day in Clojure on AWS.
- Scaled the evaluation endpoint by serving it from a Redis cache in front of PostgreSQL, isolating each external provider's data format from the evaluation logic.
- Stabilized 7 internal Clojure services by repairing broken unit and integration test suites and restructuring failing modules until every project was green.
- Shipped up to 15 production features through GitHub Actions CI/CD, monitoring rollouts in Grafana and resolving failed deployments before they reached customers.

Sr. Fullstack Developer, Callpicker

2023-02 – 2025-03

Remote

- Single-handedly built Callpicker Events, a webhook engine on a custom Node.js/Express MVC framework with RabbitMQ retry and resend queues, sustaining ~500,000 events/sec live.
- Built the OpenAI integration powering Callpicker's AI voice agent, resolving up to 80% of inbound calls with company context before handing off to a human, over Asterisk telephony.
- Owned production deployment on AWS EC2 end to end — instance provisioning, environment configuration and launch — for Callpicker's production services.
- Maintained and extended four production products (Admin, Chat, API, My Callpicker), integrating Zoho, Mailchimp, HubSpot and CRM APIs across a distributed, API-driven architecture.

Course Director & Learning Engineer, Platzi

2021-12 – 2022-11

Remote

- Built Platzi's HackerRank-style code evaluator: a React frontend where students solve coding challenges, graded on the backend with Jest inside an isolated-vm sandbox.
- Coordinated delivery of up to 50 courses, leading up to 4 in parallel with rotating cross-functional teams of up to 6 (teachers, designers, producers, QA) on target dates.
- Built a Vue 3 timed question-rater for Platzi Live challenges that adapted each question's countdown to the user's answer, using the Platzi design system.
- Led planning and recording for Node.js certification courses with an OpenJS Foundation committee professor, aligned to official certification readiness.

Fullstack Developer, Diller & Diller Medizin Technik

2020-03 – 2021-10

Remote / Mexico

- Built Kweezing, a two-sided chef marketplace on Laravel 8 with MySQL spatial radius discovery, custom role polymorphism and 13 Eloquent models in a layered service-class domain.
- Built a two-tier OAuth2 system with Laravel Passport: an authorization server issuing tokens plus a decoupled resource API validating them server-to-server for instant revocation.

- Built the foundation of a course-subscription platform on Node.js, Express.js and Sequelize, with a Laravel-style structure handling subscription-gated course access.
- Built a custom WordPress company site with bespoke templates and plugins from scratch and third-party API integrations, using HTML, CSS and PHP.

FEATURED PROJECTS

RetaxMaster Workspace

<https://retaxmaster.com/>

Laravel 12, Lighthouse GraphQL, Nuxt 4, Vue 3, Socket.io, Node.js, TypeScript, Typst

- Built a personal site and AI CV optimizer as a 4-repo microservices multirepo (Nuxt frontend, Laravel API, TypeScript CLI optimizer, real-time Node runtime), each deployable.
- Designed a frontier where a Node + Socket.io runtime owns the Claude process lifecycle while Laravel stays the sole data authority, coordinating over localhost HTTP with a secret.
- Orchestrated Claude Code subagents for CV optimization, review and vacancy curation, keeping validation (Zod) and PDF rendering (Typst) deterministic.
- Built a GraphQL-first API with polymorphic i18n and a Playwright job scraper using an adapter-per-platform pattern, running invisibly via Xvfb.

RizzyTos Bot

<https://dashboard.readrizzy.com/>

Node.js 20, Express, RabbitMQ, Next.js 15, React 19, TypeScript, isolated-vm

- Architected a multi-platform chatbot SaaS on Twitch, Kick and Discord, decomposing a monolith into a 9-submodule microservices system with per-platform runtimes over a shared core.
- Built fully message-queue-driven communication (RabbitMQ) with a versioned envelope, global exchanges and a competing-consumers pattern (per-runtime DLQs and retry queues).
- Enforced strict architectural boundaries through dependency injection: a bot-core that never imports database, messaging or publishers, with all collaborators injected via a seam.
- Secured platform tokens with field-level encryption and integrated OAuth across Twitch, Kick and Discord, plus EventSub, Kick webhooks over a Cloudflare tunnel and YouTube WebSub.

MyPlants

<https://github.com/RetaxMaster/my-plants>

TypeScript, NestJS 10, Prisma 5, Nuxt 3, Vue 3, JWT, Zod, Vitest

- Built a deterministic indoor-plant care system that computes the next care action from a base interval scaled by environmental modulators and a learned per-plant multiplier.
- Implemented per-request identity with AsyncLocalStorage and an effective-owner model with role-gated admin impersonation, designed against privilege escalation.
- Applied a Backend-for-Frontend security model with the JWT held in a sealed httpOnly cookie, never exposed to the browser.
- Structured 12 NestJS domain modules over Prisma 5/MariaDB with a shared Zod contract packaged as a tarball to prevent cross-repo drift, with env-hermetic tests.

Fainora

Next.js 14 (App Router), React 18, TypeScript, Zod, Claude, Google Gemini, GPT, Multimodal AIApplied in Freelance

- Built Fainora, a full-stack AI product-photography generator that composes jewelry references with a model-identity dataset to produce catalog shots without a physical photo shoot.
- Engineered a multi-stage AI pipeline (reference upload, prompts across 10 pose variants, multimodal conditioning) driven by high-fidelity prompts with 50+ geometry and gem rules.
- Built a sequential QueueRunner with a request throttle, retries and a 3-strike cancellation limit to respect API rate limits, plus a dual cost model with live cost estimation.
- Implemented per-image regeneration with reference override and ZIP export per jewelry piece; the API key stays client-side and is never persisted.

SKILLS

Programming languages: JavaScript, TypeScript, PHP, Python, Clojure, SQL
Backend: Node.js, NestJS, Laravel, FastAPI, REST & GraphQL APIs, RabbitMQ / Webhooks
Frontend: Vue / Nuxt, React / Next.js, Design Systems & SPAs
Cloud devops: AWS, Docker, CI/CD (GitHub Actions), Linux / Nginx / Grafana
Databases: PostgreSQL / MySQL, Redis
Ai security: OpenAI & Google Gemini, Claude Code agent orchestration, OAuth 2.0 / JWT / BFF

EDUCATION

Software Development Engineering , Universidad Tecmilenio	<i>2015 – 2018</i>
Technological Baccalaureate in Programming , Escuela Miguel Hidalgo	<i>2012 – 2015</i>
Web Development School , Platzi	<i>2020 – Ongoing</i>

LANGUAGES

Spanish (Native) | English (Professional working proficiency)