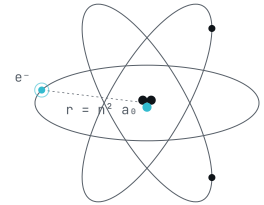


Ricardo Gomez

I build modern, powerful and *highly scalable* software.

Passionate senior software engineer with over 13 years of experience in full-stack development, specializing in modern frameworks, cloud technologies, AI engineering and machine learning: Python (FastAPI, Django) and Node.js (NestJS, Express) behind; React, Next.js and Vue on the front; PostgreSQL, MySQL, MongoDB, DynamoDB and Redis underneath; AWS and Azure with Docker and Kubernetes around it all; LLM agents, retrieval over business data and document intelligence shipped in production. Proven track record of delivering modern, powerful and highly scalable software. Recognized for innovative problem-solving, for mentoring the engineers around me, and for a dedication to continuous learning.

Portfolio, screens and case studies at ricardogomez.dev



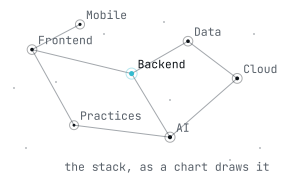
ricardogomez.dev

ricardogomez95@outlook.com

Updated October 2026

01 Technical skills

The *stack*, end to end.



Frontend

React Next.js Vue.js TypeScript JavaScript Redux Toolkit Zustand Vuex · Pinia
TanStack Query Tailwind CSS Responsive UI Accessibility

Mobile

React Native Expo iOS Android Push notifications Over-the-air updates
App Store & Google Play releases

Backend

Python FastAPI Django Node.js NestJS Express PHP Laravel REST GraphQL
WebSockets Queues & background jobs Auth (OAuth, JWT)

Databases & data

PostgreSQL MySQL SQL Server MongoDB DynamoDB Redis Query optimisation
Data modelling

Cloud & DevOps

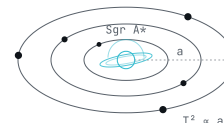
AWS Azure Docker Kubernetes Terraform GitHub Actions · CI/CD Linux
Monitoring & observability Serverless

AI engineering & machine learning

LLM integration (OpenAI, Anthropic) AI agents & tool calling RAG over business data
Embeddings & vector search (pgvector) Document extraction & OCR Machine learning (scikit-learn, pandas)
Applied ML: anomaly detection & scoring Evals & guardrails Workflow automation

Architecture & practices

Scalable system architecture Multi-tenant SaaS API design UX/UI design Performance optimisation
Testing & code review Technical leadership & mentoring Agile delivery



Thirteen years, *end to end*.

• 2024 – Present

Real estate · escrow platform

New Venture Escrow newventureescrow.com

Senior Software Engineer & AI Engineer

- Lead engineering on the escrow platform that agents, buyers and sellers use to open, track and close transactions: FastAPI services over PostgreSQL and a Next.js front end.
- Shipped the AI layer: document intelligence that extracts and checks closing documents field by field, and an assistant that answers status questions over live escrow data.
- Integrated e-signature, payment and title services, with CI/CD, monitoring and infrastructure as code on AWS.

Stack Python · FastAPI Next.js TypeScript PostgreSQL AWS LLM integration

• 2021 – 2024

Fintech · investment platform

DiversyFund diversyfund.com

Senior Software Engineer & AI Engineer

- Led a cross-functional team designing, building and maintaining the backend architecture of an investment platform managing millions in assets.
- Mentored junior and mid-level developers and set the team's standards for code quality, testing and performance optimisation.
- Optimised PostgreSQL queries and shipped new FastAPI endpoints that improved platform performance and the investor experience.

Stack Python · FastAPI React Next.js TypeScript PostgreSQL AWS

• 2019 – 2021

Restaurants · intelligence platform

Linemind linemind.ai

Senior Software Engineer

- Built the restaurant-intelligence platform end to end: FastAPI services over PostgreSQL, a Next.js front end, and scheduled jobs for ingestion, alerts and reports.
- Shipped the AI layer: LLM-generated insights, daily briefings and weekly reports per location under a strict JSON contract, plus Q&A over live sales, labor and food-cost data.
- Integrated Lightspeed POS, 7shifts and MarginEdge, with alerts scored against statistical baselines per location.

Stack Python · FastAPI SQLAlchemy PostgreSQL Next.js TypeScript Railway Stripe

• 2017 – 2019

Agency · web applications

Artonic artonicweb.com

Senior Software Engineer

- Built responsive web applications tailored to each client's operation, pairing modern design with the functionality behind it.
- Migrated legacy systems to Django services and introduced Docker across projects for reproducible development and deployment workflows.
- Led UX/UI improvements across client products, raising user engagement.

Stack Python · Django React Next.js TypeScript PostgreSQL Docker AWS

• 2016 – 2017

Education · data dashboards

Parsec Education parseceducation.com

Senior Software Engineer

- Engineered dashboards and data-visualisation tools that let schools make data-driven decisions.
- Wrote modular, reusable TypeScript that improved the maintainability and scalability of the codebase.
- Integrated external services through their APIs to streamline the schools' data workflows.

Stack Python · FastAPI React Next.js TypeScript PostgreSQL AWS

• 2015 – 2016

Insurance technology · carriers, MGAs and brokers

Advancio advancio.io

Full Stack Developer

- Built and modernised policy and claims systems for insurance carriers and MGAs, moving legacy modules behind modern REST APIs.
- Integrated carrier, broker and rating services, each connection documented, tested and monitored.
- Shipped responsive React front ends for underwriting and claims teams.

Stack [React](#) [TypeScript](#) [Node.js](#) [Python](#) [SQL Server](#) [AWS](#)

• 2013 – 2015

Agency · web and mobile

DGMX dgmxtech.com

Full Stack Developer

- Delivered high-performing web and mobile apps for clients across several industries on modern stacks.
- Designed serverless AWS architectures that reduced hosting costs and scaled with demand.
- Acted as team lead: mentored junior developers and kept projects on their timelines.

Stack [Python · FastAPI](#) [Vue.js](#) [TypeScript](#) [React](#) [React Native](#) [AWS](#) [MySQL](#) [MongoDB](#)

03 Portfolio

Designed, built and *shipped*, end to end.

Modern, powerful and highly scalable software I designed, built and run end to end, with AI engineering inside each one: agents, retrieval and document intelligence in production. Every link opens a live product with real customers.

01



Resortz resortz.ai

Hospitality · property management system

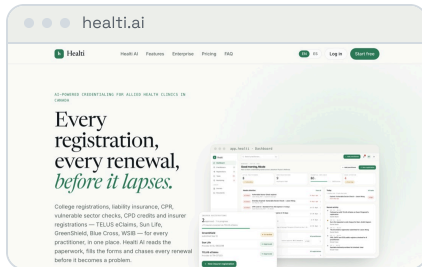
A property management system that runs the whole hotel from one screen.

- “Ask your hotel”: retrieval over live PMS data, every answer citing the figures it came from
- AI rate advisor whose suggestions pass a human approval gate before reaching the OTAs

- Front desk, booking calendar, rates, housekeeping and night audit on one business date

[Python · FastAPI](#) · [Next.js](#) · [TypeScript](#) · [PostgreSQL](#) · [Stripe](#) · [AWS](#)

02



Healti healti.ai

Healthcare · financial back office

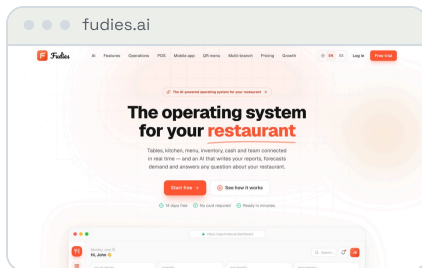
The financial back office for US specialty practices.

- Document intelligence: licenses, DEA certificates and CVs extracted into typed records with a confidence per field
- Questions answered over the provider roster; OIG and SAM exclusions screened as a nightly batch

- Credentialing packets generated per payer, every application tracked to approval

[Python · FastAPI](#) · [Next.js](#) · [TypeScript](#) · [PostgreSQL](#) · [Stripe](#) · [Azure](#)

03



Fudies fudies.ai

Restaurants · POS and operations SaaS

Restaurant operations from the table to the books.

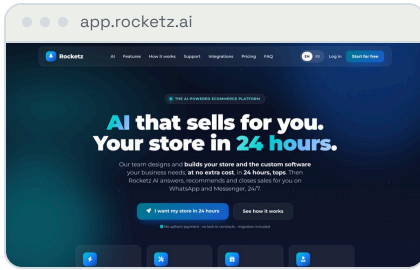
- AI narratives on every sales, operations, tips and inventory report, per branch, as queued jobs with a cost ceiling

- Menu engineering that classifies every dish by margin and popularity, per branch
- QR ordering, live kitchen display, inventory with low-stock alerts, cash shifts and reservations

[Node.js](#) · [NestJS](#) · [React](#) · [TypeScript](#) · [Redis](#) · [MySQL](#) · [React Native](#)

fudies.ai · [App Store](#) · [Google Play](#)

04



Rocketz app.rocketz.ai

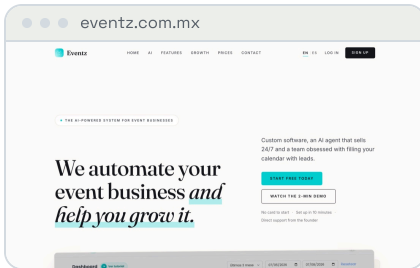
E-commerce platform

An e-commerce platform that turns a store, WhatsApp and phone orders into one operation.

- Orders an AI sales agent closes on WhatsApp or Messenger enter the sales board through a typed, idempotent partner API
- Catalog, a sales board from unpaid to shipped, customers and landing pages, every store on its own domain
- Stripe Connect per store, Skydropx shipping labels, WhatsApp one-time-code sign-in, Meta Conversions API

Python · Django · Next.js · TypeScript · MySQL · Stripe · AWS

05



Eventz eventz.com.mx

Events · production ERP and mobile app

The operations platform behind weddings, social and corporate events.

- AI sales agent that quotes and books over WhatsApp and Messenger with tool calls against the catalog and the calendar
- Lead scoring, voice-note transcription and bank statements read by vision
- Events, quotes, clients, inventory, payroll and finances in one pipeline, on the web and on iOS and Android

Node.js · NestJS · Vue.js · TypeScript · MySQL · React Native · AWS

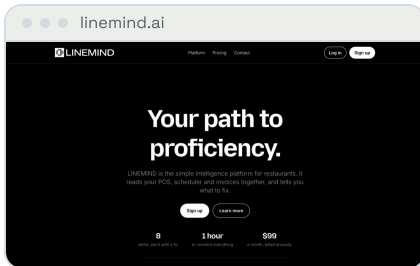
eventz.com.mx · [App Store](#) · [Google Play](#)



04 Built as an employee

Built for employers, still in production.

01



Linemind linemind.ai

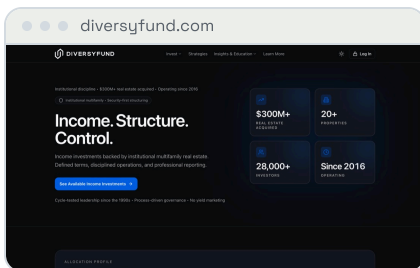
Restaurants · intelligence platform · Senior Software Engineer · 2019 — 2021

Restaurant intelligence that reads the POS, scheduling and invoicing together and says what to fix before it hits prime cost.

- LLM-generated insights, daily briefings and weekly reports per location, run as scheduled jobs under a strict JSON contract
- "Ask it what a GM would ask": questions answered over live sales, labor and food-cost data

Python · FastAPI · SQLAlchemy · PostgreSQL · Next.js · TypeScript · Stripe

02



DiversyFund diversifyfund.com

Fintech · investment platform · Senior Software Engineer & AI Engineer · 2021 — 2024

An investment platform for income-focused real estate, serving tens of thousands of investors.

- Backend architecture of a platform managing millions in assets, led across a cross-functional team
- Investor dashboard, offerings and quarterly reporting on a Next.js front end over FastAPI services

Python · FastAPI · React · Next.js · TypeScript · PostgreSQL · AWS

03



Passwork www.passwork.mx

Coworking · booking platform · Full Stack Developer · 2013 — 2015

A membership with immediate access to a network of coworking spaces across 11 countries.

- Web and mobile apps for members and spaces, with real-time booking of desks and rooms
- Reliability and uptime on AWS with monitoring, for a network of thousands of spaces

Python · FastAPI · Vue.js · TypeScript · React Native · AWS