

José González

Staff / Senior Full Stack Software Engineer · Distributed Systems & Web Engineering · Founder of Vorluno

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PROFILE

Senior software engineer specialized in distributed-systems architecture, modular micro-kernels and high-performance web engineering. A track record leading the full cycle of multi-tenant B2B and SaaS platforms in production, putting transactional integrity, strict data isolation and a solid backend first.

I design financial cores with C#, .NET 9, PostgreSQL and TypeScript/React: double-entry ledgers whose balance the database enforces, more than 150 RLS policies in production and automated suites of more than 1,800 tests (xUnit/Playwright). I build open-source ecosystems on npm/PyPI and MCP servers for autonomous agents with strict capability checks (human in the loop).

EXPERIENCE

Lead Architect & Software Studio Founder · Vorluno

Dec 2025 - present

Self-employed · Panamá, hybrid

- Technical direction of a boutique product-engineering and advanced-software firm, with performance gates in the CI/CD pipelines.
- Author and maintainer of 31 public repositories and 8 npm packages (@vorluno/niiko-sdk, @mvoom/sdk, @vorluno/ratchet), strictly typed in TypeScript and Python.
- Dedicated MCP servers and autonomous-agent infrastructure with capability-based permissions and mandatory human approval on critical transactions.
- Reactive interfaces and GPU-accelerated rendering engines (WebGL) holding a steady 60 fps, with accessibility and SEO done properly.

Software Engineer · OrusLabs.ai

Jul 2026 - Sep 2026

Full-time · Panamá, hybrid

- Architecture and development of an autonomous agent that creates ad pieces and manages campaigns.
- Design and implementation of the backend engine for automatic charges: recurring billing and accounts-receivable reconciliation, with idempotent execution.

Software Engineer · Grupo Urbis S.A.

Apr 2026 - Jul 2026

Full-time · Panamá, hybrid

- The real-estate reservation and residential lot-allocation system, structuring the sales flow from the first seller-client interview to closing.
- Transactional integration with the QuickBooks API: down payments synced automatically and immediately, with invoices and charges issued directly.
- The company's human-resources software (staff and records) with an automated document engine for employment contracts, work letters and certifications in PDF.

Software Engineer · Ancernet

Oct 2025 - Mar 2026

Freelance · Panamá, hybrid

- Optimization and development of the financial and accounting reporting engine (DevExpress) for bulk receipts, payrolls and corporate statements.
- Business rules and tax logic in C#, adapted to the regulations of Panamá's DGI and Social Security Fund (CSS).
- Debugging and resolving critical incidents in relational databases, removing concurrency bottlenecks and heavy SQL queries in production.

Full-stack Developer · Cáceres López Auditores

Jan 2024 - Dec 2025

Part-time · remote

- Design and production launch of the audit platform and KYC forms for regulatory compliance and client due diligence (React, TypeScript and ASP.NET Core).
- Automated bank-reconciliation pipelines, cutting the monthly tax and ITBMS close from 3 days to under 24 hours.
- Hardening and configuration of the internal server and network infrastructure with OpenWrt/LuCI and SSH, cutting service-outage incidents by 85%.

SELECTED WORK

- **abogados.pa** · Client website · Apr 2026 — A law firm that needed a stronger digital presence — and a website worth announcing. swlarot.cc/work/abogados
- **gruposolucionespa.com** · Client website · Jul 2026 — A modern website for a loan-comparison service in Panamá — without an oversized budget. swlarot.cc/work/gruposoluciones
- **Niiko** · Product · 2026 · in production — The operating system Vorluno runs on: clients, billing and work in one ledger. swlarot.cc/work/niiko
- **vorluno.dev** · Our previous site · Sep 2026 — Our previous vorluno.dev, in ASCII monochrome — replaced in September 2026 by the current site. swlarot.cc/work/vorluno
- **mvoom** · Product · Sep 2026 — Motion, taken apart and handed to your AI as numbers. swlarot.cc/work/mvoom
- **vorluno DevCraft Agency** · Our website · Sep 2026 · in progress — Vorluno's site: cinematic, and measured to the frame. swlarot.cc/work/devcraft

STACK

Backend & runtimes

C#, .NET 9 / ASP.NET Core, TypeScript, Python, Node.js, Bun

Architecture & data

Clean Architecture, DDD, PostgreSQL multi-tenant (RLS), Entity Framework Core 9, Prisma

Frontend & performance

React 19, Next.js, Tailwind v4, WebGL, 60 fps, Core Web Vitals

Agents & automation

Model Context Protocol (MCP), capability-governed LLM tool calling

EDUCATION

Software Development Engineering · Universidad Interamericana de Panamá · Mar 2025 – Jan 2029 (in progress)

High-school diploma, Computer Programming · Colegio ICED Panamá · Jan 2019 – Dec 2023

CERTIFICATIONS

Claude Code in Action · Anthropic · Mar 2026 · ID yy9zwdmgyg3x

.NET Avanzado · LinkedIn · Mar 2026

AI for App Building · Google · Feb 2026 · ID TVKAZUXURA2T

Google AI · Google · Jan 2026 · ID RHUGH0D1ZAPN