José Gabriel Maza Mendoza

Systems Engineer · Fullstack / Product Engineer

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GitHub: github.com/Jgmaza | Portfolio: jgmaza.vercel.app

PROFESSIONAL PROFILE

Systems Engineer and fullstack developer focused on product engineering. I connect interfaces, APIs, data, and infrastructure to take solutions from problem definition to deployment. Experience spans web development, system integrations, internal tools, and AI assistants — using Next.js, React, TypeScript, NestJS, FastAPI, and Supabase based on each project's needs, with Next.js as the primary frontend stack. Comfortable owning the full cycle: design, implementation, quality, and deploy.

WORK EXPERIENCE

Fullstack Developer

Ministry of Mines and Energy | Barranquilla, Colombia | Sep 2025 – Present

Parallel delivery of a service integrator, energy-surveillance (dosimetry), and stakeholder-mapping apps under institutional constraints.

- Increased interoperability coverage by **200%** (from 2 to 6 route/families) by shipping an HTTP gateway with APISIX, FastAPI, and Vue.
- Unified dosimetry end-to-end across ∼**629k** historical and ∼**61k** new records, recovering inconsistent data with repair CLI/scripts into the unified layer (Node, SQL Server, Angular).
- Accelerated delivery closure versus the area's prior pace by sustaining multiple stories in parallel and running **CI/CD** to QA (Jenkins, Docker, build tags, and reproducible deploy guides).

Fullstack Developer

Guarapo Labs | Barranquilla, Colombia | Jun 2025 – Aug 2025

Internal tools and a new product (front, back, AI) with Next.js and Supabase.

- Accelerated team delivery until the schedule was back on track, keeping the UI/front track current with Next.js and Supabase.

Fullstack Developer · AI / automation

Clazz Dev | Barranquilla, Colombia | Feb 2025 – May 2025

Automation and agents inside real sales/ops workflows (OpenAI, n8n, FastAPI, Python).

- Reduced human sales operations by ∼**71%** (from ∼7 people to 2) by designing agent workflows that owned the sales cycle end to end.

Fullstack Developer

I-Cluster | Barranquilla, Colombia | 2024 · 3 months

Emotional-health app for Tolú (Sucre) with React + Express.

- Built fullstack features (React front, Express back) and supported infrastructure decisions (AWS); by the end of the 3-month contract the app was ready for testing.

Fullstack Developer

Infinity Tech Consulting | Barranquilla, Colombia | Apr 2022 – Jun 2024

Fullstack apps with Next.js, Flask, and Prisma on AWS and Vercel.

- Kept the **Commodo** loyalty platform in production by owning day-to-day front work across the client's **3 web platforms**.
- Delivered a POS from scratch in ≈**1 month** by integrating Commodo APIs, Siigo, and external lookup services (e.g. departments).

Support / Freelance (MIOBOX)

Sofin SAS | Barranquilla, Colombia | Nov 2021 – Jan 2022; freelance ≈2 months in 2026

E-invoicing support (2021–22) and ERP↔plant integrations (2026).

- Reduced ERP update time by ∼**95%** (from ∼40 min to ∼2 min) by modifying and extending the existing **C# / .NET** MIOBOX codebase and wiring it through a NestJS SOAP/REST bridge to plant operations.

EDUCATION

Systems Engineer
Universidad del Norte | Barranquilla, Colombia | 2018 – 2022
Distinction: Outstanding Student.

SKILLS

Core: Next.js, TypeScript, React, JavaScript, Java, Python, C# / .NET, NestJS, FastAPI, Node/Express, REST APIs, SQL (MySQL, PostgreSQL, SQL Server), Git.
Also used in production: Vue 3, Angular, Prisma, Supabase, AWS, Vercel, APISIX / API gateways, SOAP integrations, n8n, Docker, CI/CD (Jenkins), HTML/CSS/Tailwind, Linux.

AWARDS & RECOGNITION

2nd Place Overall · Best Design
Game Jam 2026 · Hold the Box | 2026
48h Game Jam: local 2P co-op (PlayCanvas). Team lead + deploy.

1st Place — Interledger Hackathon
Ledger One | 2026
First place with Ledger One, a team project around open payments / Interledger.

Best Project Using ShadAI · 4th Overall
BarranquillA 2025 · EduNova | 2025
Award for best project using ShadAI (USA technology) and 4th place overall. Education platform currently under product rebuild.

LANGUAGES

English — EF SET B2 | Spanish — Native

CERTIFICATIONS & COURSES

- **Blockchain Builders 101** — Ruta N / Stellar Development Foundation / BAF (in progress; 5-week bootcamp, MVP on Stellar).
- Certificate of Participation — “Build with AI”, Google Developers Group Barranquilla · 2025.
- React Query — DevTalles · 12/2023; HTML5 & CSS3 — Udemy · 07/2018.

Last updated: October 2026