FG Freider Gandica Morales

Full-stack developer · Innovation & Technology Lead at the Juntos Se Puede Foundation · Founder of GarreyStack

freidergandica.com
hola@freidergandica.com
Bogotá · Colombia

PROFILE

Self-taught full-stack developer from Venezuela, based in Bogotá. I've been building for the web since 2013, and today I run production systems that handle real people, money and operations: a social ERP with 43,905 people registered, a multi-currency point of sale for Venezuela, and an app on the App Store and Google Play. Before writing code I look for where the process actually breaks; then I choose the technology.

WHAT I BUILD WITH

TypeScript · React · Next.js · NestJS · React Native · Python · Odoo · PostgreSQL · Prisma · Payload CMS · Docker · WhatsApp API · n8n · Cloudflare · Proxmox · WordPress

EXPERIENCE

Innovation & Technology Lead

2026 → NOW

JUNTOS SE PUEDE FOUNDATION · BOGOTÁ

I lead the digital ecosystem of a foundation supporting Venezuelan migrants and refugees: connected systems, in production, on self-hosted servers.

- **Nucleo 360:** social ERP on Odoo with a WhatsApp bot that profiles each person on its own: 43,905 people and 24,919 families across Colombia and Venezuela.
- **EAD3app:** web and mobile platform (Android and iOS) that digitized the EAD-3 child development scale: 726 children assessed.
- **FJSP Finance:** management of international cooperation projects: budget per donor, approvals, Colombian tax withholdings and USD reporting.
- **Cowork:** space booking, a shop for upcycled clothing made by women entrepreneurs, and Bold payments, connected to Finance.
- **SOS Venezuela:** donations with live transparency after the June 2026 earthquake: funds raised, every invoice and the aid shipped.
- **Infrastructure:** self-hosted servers, tested backups and information security.

Odoo · Python · FastAPI · NestJS · Next.js · PostgreSQL · WhatsApp Cloud API · Capacitor · n8n · Docker

Founder & full-stack developer

APR 2026 → NOW

GARREYSTACK · SOFTWARE STUDIO

Software for businesses and organizations in Venezuela and Latin America, from design to production.

- **GarreyStock:** subscription point of sale that takes $, Bs, €, USDT and COP in a single sale, verifies mobile payments with 4 banks and works offline. 288 automated tests.
- **Papola:** local deals and commerce app on the App Store and Google Play since August 2026, with real bank payments and automatic payouts to each merchant.
- **ConAcero:** tracking for a steel fabrication plant that replaced a master spreadsheet and 9 WhatsApp groups. In production within a week.
- **Amnesty International Venezuela:** activism platform with live petitions, volunteering and email campaigns for the Write for Rights marathon.
- **Ávila Smart:** the Nucleo 360 core turned into a product for other social organizations. First client: OL Internacional.

NestJS · React · Expo / React Native · Next.js · tRPC · Prisma · PostgreSQL (RLS) · PWA · Cloudflare

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EXPERIENCE (CONTINUED)

Instructor

FEB 2026 → NOW

TECNOMUJERES

I teach programming and tech skills to migrant women; several already make a living from it.

Independent web and software development

2013 → 2026

OWN AND COMMISSIONED PROJECTS

- **Araguaney News (2026):** Venezuelan news site built for a team of journalists: CMS, live TV streams and a map other sites embed.
- **VICTORIA (2025):** platform to organize a campaign's territorial structure: leaders by district and neighborhood, and polling stations.
- **Primary 2023 · Bogotá:** with their ID number, each migrant voter found where to vote in Corferias' green parking lot.
- **Live relay (2021):** software to relay live broadcasts.
- **The Foundation's website (2019 → now):** I built it and still maintain it.
- **Websites since 2013:** with Wix, then Adobe Dreamweaver (2015) and WordPress, including my own plugins for queues and child assessment.

STACK

Frontend & mobile

TypeScript · React · Next.js · Expo / React Native · Capacitor · Tailwind

Backend

Node.js · NestJS · tRPC · Python · Django · FastAPI

Data & ERP

PostgreSQL · Prisma · Odoo · Supabase

Infrastructure

Docker · Proxmox · Cloudflare · Tailscale · Linux · GitHub Actions

Content management

Payload CMS · WordPress

HOW I WORK

- **Problem first.** At ConAcero, software wasn't missing: there were nine WhatsApp groups too many.
- **Design for reality.** In Venezuela, a till that depends on the internet or trusts a screenshot loses money.
- **I protect data.** Privacy by design, role-based access and backups that actually restore.
- **Fast, with tests.** GarreyStock went from first commit to production in 10 days.
- **Built to last.** Documented code, on servers the organization controls.

EDUCATION

Software development specialization
Universidad Austral · In progress

Programming for Everybody (Python)
University of Michigan · Coursera · 2026

LANGUAGES

Spanish: native
English: intermediate (B1)

LIVE PROJECTS

GarreyStock
stock.garreystack.com

ConAcero
conaceroapp.cloud

EAD3app
ead3.juntossepuede.co

Papola
web.papolaapp.com

Araguaney News
araguaneynews.com

SOS Venezuela
juntossepuede.co/sosvenezuela

Full portfolio
freidergandica.com/en/projects

If your operation lives in spreadsheets and WhatsApp groups, or your product needs to reach production, let's talk.

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