

José Garza

*Full Stack Developer
and Specialist in Business Automation &
Integration*

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🌐 jgarza-ai.github.io/Portafolio/
in [josegarza1](#)

Professional Summary

Full Stack Developer with over **5 years** of experience in designing automation solutions, enterprise systems integration, and conversational agents. Specialist in connecting CRMs, ERPs, and APIs using tools like n8n, Flowise, and Make, as well as developing applications with **Python, JavaScript, Next.js, and Flutter**.

I have led conversational AI projects, automated e-commerce, and data pipelines, always focusing on operations optimization, cost reduction, and improving user and customer experience.

Technical Skills

Automation & Voice	n8n, Make, Flowise, Activepieces, GOWA, Vapi (Voice AI), Whapi (WhatsApp API), Evolution API, Crawl4AI, ZEP (conversational memory)
Development	Python (Pandas, NumPy, SciPy, OpenPyXL, python-docx, ReportLab, FastAPI, Scrapy, Playwright), JavaScript (Node.js, Next.js, Express), Flutter, WordPress
AI & LLMs	OpenAI API, Gemini API, LLama local, Prompt Engineering, RAG, Fine-tuning, NLP integration with LLMs
BI & Reporting	Power BI (DAX, Power Query), Advanced Excel (Macros/VBA)
Systems & Cloud	Linux (Debian/RedHat), Windows Server, Azure, GCP, Docker, SSH/SFTP (Paramiko)
Databases	PostgreSQL, MySQL, SQLite, Odoo ERP/CRM
OCR & Documents	Tesseract, PyMuPDF, PyPDF2, PDF validation and extraction pipelines

Professional Experience

- May 2025 – present **Full Stack Developer, Entrophy AI, Monterrey, NL**
- Designed and implemented conversational agents (voice and WhatsApp) with Vapi and Whapi; **+40% conversion rates** in automated customer service.
 - Developed WhatsApp e-commerce bots managing catalog, cart, and payments; **+60% automated sales**.
 - Implemented AI demos with corporate personality based on client documentation (RAG + memory).
 - Orchestrated complex workflows with n8n/Make/Flowise integrating Odoo, PostgreSQL, and various APIs for end-to-end automation.
 - Implemented intelligent scraping solutions (Crawl4AI) and ETL pipelines to feed models and CRMs.
- April 2024 – April 2025 **Automation and Data Analyst, AFC Legales, Monterrey, NL**
- Designed Python scripts for massive accounting data processing (> 50,000 records) with **99% accuracy**.
 - Financial report automation with Power Query and Excel, reducing manual time by **80%**.

- December 2022 –
March 2024
- Business Support Analyst, Conduent, Monterrey, NL**
 - Data management and incident resolution in Zendesk, ensuring account integrity.
 - Development of diagnostic scripts and automation of repetitive tasks improving response SLA.
 - Work with international teams; technical communication in English.

Featured Projects

- Multi-channel AI
System
- Integrated customer service ecosystem combining Vapi (voice), Whapi (WhatsApp), and ZEP for conversational memory; handling scheduling, inquiries, and support with **75% automatic resolution rate**.
- E-commerce Bot
(WhatsApp)
- Bot covering complete sales cycle: catalog with images, cart, shipping calculation, payments, and tracking; integrated with PostgreSQL and Odoo.
- Government Process
Automation
- Architecture for automatic generation of tax documents (+10,000/month), improving speed by **80%** and reducing errors by **65%**. Technologies: Python, TesseractOCR, Office, CUPS, Debian Server.
- Document
Verification OCR
- Pipeline with Tesseract and PyMuPDF to extract and validate data from scanned PDFs against master DB; significant reduction of manual errors.

Initiatives and Freelance Consulting

- 2018 – present
- Technical Consultant & Developer, Independent**
 - Development of Next.js sites and optimized WordPress stores.
 - Implementation of chatbots with n8n and local LLMs, integration with calendars and CRMs.
 - Infrastructure design and assembly/optimization of hardware for high-performance environments.

Education

- 2026 (expected)
- B.S. in Administrative Computer Systems Engineering, Universidad Tecmilenio**
Degree in progress
- Completed
- Technical High School Diploma, Preparatoria Técnica Álvaro Obregón**

Languages

- Spanish
- Native
- English
- Advanced
- Professional technical communication