

Antony Giomar Hernandez

Backend & Product Engineer · WhatsApp Business Platform, workflow engines, AI agents

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SUMMARY

Backend and product engineer with 7 years in WhatsApp products, from tech support to technical owner of a production workflow engine. Meta Certified in WhatsApp for Business technical implementation. I took a flow runtime from 10s+ to about 1s response time, and I'm used to owning problems end to end: talking to users, making product decisions, shipping, and fixing what breaks in production. I build with AI coding agents every day and stay responsible for what ships.

EXPERIENCE

Atom (Atomchat.io) — Full-stack Engineer, backend owner of Flow Builder 2022 – Present

WhatsApp AI sales platform · Node.js, TypeScript, Cloud Functions, Pub/Sub, BigQuery

- Wrote most of the Flow Builder backend, where visual flows become stateful WhatsApp conversations: publishing, versioning, execution, history, simulation and observability.
- Built the pause/resume runtime: wait components hold a flow until the customer replies; timed Pub/Sub tasks are cancelled on reply, or fire a recovery path if the customer stays silent.
- Cut response time from 10s+ to about 1s, in a channel that punishes slow replies: removed repeated queries and batched work on the path from inbound message to customer and conversation lookup.
- Fixed inflated campaign delivery counts caused by duplicate Meta webhooks (transactional claims, single metrics writer), and kept template attribution working through Meta identity changes (BSUID events without a phone number).
- Built an LLM-based test lab: scenarios (typical, edge, out-of-domain, stress) derived from past conversations, run in a WhatsApp-aware simulator and scored automatically.
- Shipped LLM agents (OpenAI, Gemini, Claude) into customer conversations; own WhatsApp campaign sending at high volume. Top Performer, Q1 2024.

Atom — Bot Developer; Tech Support Lead; Tech Support Nov 2019 – Jan 2022

- Started in support, led the team, then built Dialogflow chatbots across channels: the user-facing grounding behind every product decision since.

RUMAI — Co-founder and Product Engineer Sep 2025 – Present

AgTech for cattle operations · rumai.farm

- Building a reproductive-intelligence product across mobile, web, backend, alerts and an AI farm agent, with zero process overhead and full ownership of product and architecture.
- Offline-first: SQLite syncs bidirectionally with Supabase; edge computer vision (YOLO) runs on Raspberry Pi/Jetson and syncs via MQTT and webhooks.

SKILLS

Backend & APIs TypeScript, Node.js, NestJS, Python, Rust, REST, webhooks, Pub/Sub, queues, PostgreSQL, Firestore, BigQuery

WhatsApp & AI WhatsApp Business Platform (Cloud API, templates, Flows), workflow engines, LLM agents, evaluation, simulation

Platform Google Cloud, Cloud Functions, Docker, observability, idempotency, reliability

Also Angular, React, React Native, LoRaWAN, MQTT, Raspberry Pi

CERTIFICATION & LANGUAGES

Meta Certified: WhatsApp for Business Technical Implementation (verifiable on Credly) · Spanish: native · English: B2, working proficiency