SAMAEL TORRES



AI Engineer · Full-Stack Developer · Forward Deployed Engineer

Vigo, Galicia (Spain) jorgetorres@q-ams.com linkedin.com/in/jorge-samael-torres-ortiz-3696bb169
github.com/quantumagency samaeltorres.pages.dev

Authorized to work in Spain as an employee or self-employed (no visa sponsorship required) · B2B contractor or full-time for consultancies and companies · fully remote from Spain (CET), for clients in Spain and the EU

PROFILE

AI Engineer and full-stack developer with 10+ years building for clients. Since 2022 I've shipped custom applications to production, and generative AI agents since 2024: LLM-powered WhatsApp assistants with Whisper transcription and human handoff; platforms in TypeScript (Node.js/Bun, Hono, PostgreSQL, Vue/Nuxt, SvelteKit) and Java/Spring Boot with Angular; Python for calculations and document generation. I work like a Forward Deployed Engineer: from the first client meeting to deployment, with tests and operations. B2B contractor or full-time, remote from Spain.

SKILLS

AI and agents	Generative AI · LLM · AI agents · Tool calling · RAG · pgvector · LLM evals · Human-in-the-loop · Whisper (whisper.cpp) · Vercel AI SDK · OpenAI · Gemini · OpenRouter · Prompt engineering · Claude Code · Codex
Backend	TypeScript · Node.js · Bun · Hono · Java 25 · Spring Boot 4 · Spring Security · Spring Data JPA / Hibernate · Python · REST / OpenAPI · SSE · Web Push · Outbox pattern · PHP
Frontend	JavaScript · HTML / CSS · Vue 3 · Nuxt · SvelteKit / Svelte 5 · Angular 21 · Astro · Tailwind CSS · PWA · Three.js · i18n · WCAG AA accessibility
Data	PostgreSQL · SQL · Drizzle ORM · Flyway · Cloud Firestore · SQLite · Redis / BullMQ · MySQL / MariaDB
DevOps and cloud	Docker · Docker Compose · GitHub Actions · Dokploy / Traefik · Cloudflare (Pages, DNS) · Firebase · Linux · Hardening (CrowdSec, ModSecurity, fail2ban)
E-commerce and CMS	WooCommerce · PrestaShop · WordPress · Magento 2 · Redsys · Stripe · Holded API · WhatsApp Cloud API · Elementor · Technical SEO · Schema.org
Testing and quality	Playwright · Vitest · JUnit 5 · Testcontainers · axe-core · CI/CD · Git · Conventional Commits

PROFESSIONAL EXPERIENCE

Full-Stack & AI Engineer (Self-employed, B2B) · Quantum – Agency Marketing Solutions — Oct 2022 – present

Self-employed · Vigo, Spain · Remote

Founder of a software and applied-AI agency. Projects for companies and organizations in Spain, Colombia and Europe, from requirements gathering with the client to production and operations.

- International Gnostic Congress 2026: main author (co-developed with Alexandre Spindola) of the registration platform with Redsys payments, transport, meal sales with transactional locking and QR badges for 2,678 attendees from 37 countries. TypeScript, Bun, Hono, PostgreSQL, Nuxt 3.
- AI agents in production: an LLM-powered WhatsApp assistant with on-server Whisper transcription and human handoff (the congress and a direct-sales brand), and a Telegram assistant for an engineering firm where the LLM fills typed specs and deterministic Python runs the structural calculations, budgets and bookkeeping.
- LIMS and pickup logistics for a veterinary lab in Bogotá (multi-role PWA, in pilot): Spring Boot 4 and Java 25 REST API (JWT, OAuth2/OIDC, Outbox pattern, SSE, Web Push), Angular 21 and PostgreSQL; 900+ backend tests (JUnit 5, Testcontainers) and ~470 Playwright E2E tests.

- Gentlecan (multi-location dog groomer): took over the live platform in April 2026 and rewrote it (82% of the current code): customer PWA, Redsys deposits, Holded invoicing and WhatsApp Cloud API notifications. SvelteKit, Firebase, Docker.
- In-house products: StairGen Pro (stairgen.pro), a live web-based 3D CAD for steel stairs built with Nuxt and Three.js in 9 languages; and MerchantIA (R&D), a sales agent with 11 typed tools, hybrid RAG on pgvector and real-LLM evals.
- Linux server operations with Docker and Dokploy (CrowdSec and ModSecurity hardening, encrypted backups with restore drills) and 30+ white-label websites and online stores (WordPress, WooCommerce, PrestaShop, Astro) for Spanish agencies.

Web Developer (part-time) · Freelance 2012 – Sep 2022

Self-employed · Athens, Greece

Websites and online stores with WordPress, WooCommerce, PrestaShop and Joomla, technical and local SEO and hosting administration, alongside my jobs in Athens.

- Corporate websites and online stores end to end: design, development, go-live and maintenance.
- Technical and local SEO and search campaigns for the same clients.

IT Manager · Tsarouhis Home Stores Nov 2016 – May 2022

Employee · Athens, Greece

Technology for a home-goods retail chain with 5 stores and 20 employees: infrastructure and networks, hardware and software standards, internal applications and coordination across departments.

Earlier experience: Web & graphic designer at Perfect Pomola and Pomometal (Athens): corporate websites, online stores, SEO/SEM support and brand identity · Retail business manager (Multiservicios Kasama) and IT and network technician in Venezuela.

SELECTED PROJECTS

Registration, payments and logistics platform with an AI assistant · International Gnostic Congress 2026 Sep 2025 – Oct 2026

An international congress with attendees from 37 countries needed per-country registration, approvals, card payments and a week of logistics. End-to-end platform with a Bun + Hono + PostgreSQL API, a 7-language Nuxt 3 frontend and an AI WhatsApp assistant; the event took place in October 2026.

My part: Main author of the current code (73% of the backend and 93% of the frontend, measured with git blame), co-developed with Alexandre Spindola, who started the project. Built Redsys payments, transport with an auto-planner, stock-capped meals, QR badges, the shop and presale, seating allocation and the WhatsApp assistant; ran operations alone through the event.

- 2,678 confirmed attendees from 37 countries

Stack: TypeScript · Bun · Hono · Drizzle ORM · PostgreSQL · Better Auth · Nuxt 3 · Vue 3 · Tailwind CSS · Redsys · MJML · Sentry · pino · Cloudflare Pages · GitHub Actions · Coolify

AI WhatsApp assistant (LLM, Whisper, human handoff) · International Gnostic Congress 2026 and a direct-sales brand Sep 2026 – present

A WhatsApp assistant that answers with an LLM and an editable knowledge base, transcribes voice notes on the server, understands images and hands off to a person when needed. In production at the congress from September to October 2026; second deployment in November 2026 for a direct-sales brand, in listen-only mode.

My part: Sole designer, developer, tester and operator, including deployment.

Stack: TypeScript · Bun · LLM · whisper.cpp · ffmpeg · SQLite · Docker · Dokploy

AI assistant for an engineering firm (LLM + deterministic Python) · Agricultural engineering firm (Spain) Aug 2026 – present

The engineer asks on Telegram and gets professional PDF documents back: quotes, invoices, reports and full projects with annexes. The LLM only fills typed specifications; deterministic Python does the maths and Typst handles layout. The engineer reviews and signs. In use by the client.

My part: Client discovery, full design and development of the skills, Python scripts and templates, deployment and support.

- 12+ client meetings during development

Stack: Python · Typst · Hermes Agent · LLM · Telegram · Google Sheets · Google Drive · openpyxl

LIMS and pickup logistics (Spring Boot + Angular PWA) · Veterinary clinical lab (Bogotá, Colombia) Dec 2025 – present

A lab took sample orders on paper and WhatsApp, with no sample traceability and its exam catalogue in Excel. A multi-role web app/PWA now covers referrals, geolocated pickup routes, per-sample reception, payments and notifications. In pilot.

My part: Client discovery, ADRs and specs; full backend and frontend development with an agentic engineering workflow (Claude Code) with review and tests on every change; staging deployment.

- 900+ backend tests and ~470 E2E tests (Playwright)
- 44 Flyway migrations

Stack: Java 25 · Spring Boot 4.1 · Spring Security · Spring Data JPA / Hibernate · PostgreSQL · Flyway · Angular 21 · TypeScript · Tailwind CSS · JUnit 5 · Testcontainers · Playwright · Docker · GitHub Actions · Cloudflare Pages · Dokploy

Takeover and rewrite of a live booking platform · Gentlecan (multi-location dog groomer) Apr 2026 – present

Custom application for a dog-grooming chain: a touch-friendly staff panel and an installable customer app with bookings, deposits and WhatsApp notifications. In production.

My part: Took over in April 2026 and rewrote the platform: author of 82% of the current code (git blame). The first version was built by Alexandre Spindola.

Stack: SvelteKit 2 · Svelte 5 · TypeScript · Tailwind CSS 4 · Firebase (Firestore, Cloud Functions) · Redsys · Holded API · WhatsApp Cloud API · Vitest · Playwright · Docker · Dokploy · mi.gentlecan.es

EDUCATION

Computer Engineering
Universidad Nacional Experimental del Táchira (UNET) · San Cristóbal, Venezuela

Master's in Digital Marketing
BIG school · Online (Spain)

CERTIFICATIONS

IA Workflows · BIG school · Sep 2025

Fundamentos de Ingeniería de Software · Platzi · Jan 2019

LANGUAGES

Spanish: Native

English: Intermediate (B1–B2)

Greek: Conversational

Italian: Basic