Marco Napierski

AI Engineer · Full-Stack (LLMs, agents, product)

Email marco@marconapierski.com **GitHub** github.com/MarcoNapi **LinkedIn** linkedin.com/in/marco-napi
Location Tenerife, Spain · Remote

PROFILE

I build AI products and take them from idea to production: most of **CHAAAS** (an AI-synthesis platform used with executives of major brands), **NapNodes**, my own hosting business that I run with AI agents, and **manhwatracker.com**, with around 100,000 unique visitors a month. **Native Spanish and German**, English B2. BSc in Computer Engineering and MSc in AI.

PROFESSIONAL EXPERIENCE

Software Engineer · AI Product — CiBUC (CHAAAS) 2025 – Present

- Built **~80% of CHAAAS** (chaaas.com): participants answer questions and rate each other's contributions, and an AI model synthesises the results. React + Python/FastAPI, Google Gemini and k-means clustering.
- **PDF report agent with an evaluation loop**: I created reference reports, compared the agent's output case by case to find failures (incoherent pages, layout, unexplained numbers) and moved to a layout engine the model controls through tools.
- Early-stage product already used in sessions with executives of consumer brands; working directly with the founder from definition to production.

Software Developer (internship) — Grupo Innovaris 2025 · 4 months

- Nuxt.js, Node.js and Tailwind CSS on a Java and PostgreSQL backend; APIs and integration of external services, including AI services (DeepL).

Junior Web Developer — MyPlace Canarias (La Orotava, Spain) 2017 – 2020

- Web applications and internal management systems with PHP, JavaScript, MariaDB and Apache.

OWN PRODUCTS IN PRODUCTION

NapNodes — napnodes.com · game-server hosting · own business Since Oct 2026

- Bilingual Next.js website, TypeScript control panel, **Stripe payments** and **automated provisioning** across several machines with Ansible and Pterodactyl.
- **Claude Code agents in production**: one resolves support tickets; another finds people looking for a server on Reddit and Steam and drafts a reply, which I review by hand before posting.
- **69 accounts in 6 weeks**, more than half coming from ChatGPT; first paying customer.

manhwatracker.com — ~100,000 unique visitors/month · 3,000+ users Live

- Next.js and Supabase on Cloudflare via OpenNext (adapted to my setup) for about €7/month; API jobs on GitHub Actions; semantic search and RAG with pgvector in progress.

EDUCATION

MSc in Artificial Intelligence — UNIR · all credits completed (degree pending) · average 8.7/10 2025 – 2026

- Thesis: dynamic portfolio management with TTS-GAN and reinforcement learning under market crises.

BSc in Computer Engineering — University of La Laguna (ULL) 2021 – 2025

- Thesis: procedural world generation in Unreal Engine.

SKILLS

Agents & LLMs	Tool-using agents (Claude Code, function calling), prompt engineering, structured outputs; Gemini, OpenAI
LLM evaluation	Reference sets, case-by-case comparison, iteration driven by real failures
RAG & data	RAG, embeddings and pgvector; PostgreSQL, Supabase, MariaDB / MySQL
Product & backend	Python (FastAPI), TypeScript, Node.js, React, Next.js, Nuxt.js, Tailwind; Stripe; REST APIs
Infrastructure	Cloudflare (Workers, R2, WAF), Docker, Ansible, Pterodactyl, GitHub Actions, Oracle Cloud, Git
Classical ML	Neural networks, CNNs, reinforcement learning, GANs, XGBoost, Random Forest, SVM, k-means, DBSCAN
Languages	Spanish (native) · German (native) · English (B2)