

Arnaud Amouriaux

AI Automation Specialist & Applied AI Solutions Engineer

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🌐 Portfolio: arnaudamouriaux.com | kajimai.com | danielbaystudios.com

🗣️ French (Native) | English (Fluent) | Japanese (JLPT N3)

TypeScript

React / Next.js (App Router)

PostgreSQL / Supabase

Prisma ORM

Tailwind CSS

Stripe API (Multi-currency)

Multi-LLM (ChatGPT/Claude/DeepSeek/Gemini/Grok)

AI Cost Optimization

RAG / n8n AI Agents

AI OCR (JSON Extraction)

Web3 / CKB (Rust)

Passkeys (JoyID)

GEO (llms.txt / 100% Score)

GA4 / Umami / GSC



EXECUTIVE SUMMARY

Results-driven **AI Automation & Applied IT Specialist / Full-Stack Engineer** based in Nago, Okinawa, with deep expertise in deploying production AI workflows, modern web platforms (Next.js, Supabase, Prisma, PostgreSQL), Web3 & cryptographic architectures (Nervos CKB, Rust, Shamir's Secret Sharing), and generative engine optimization (GEO/SEO). Certified in **Google Cloud: Digital Transformation Using AI/ML** and **United Nations (UN) Cybersecurity**. Architect and developer of **KAJIMAI** (kajimai.com)—a fully automated e-commerce & botanical platform with **Amazon API real-time inventory sync & automated fulfillment dispatch**, achieving a **perfect 100/100 SEO & GEO audit score** (featuring Open Knowledge llms.txt, comprehensive JSON-LD schemas, and IndexNow)—**Stella App**, a sovereign digital inheritance protocol featuring zero-knowledge Shamir's Secret Sharing (SSS) key management, CKB smart contracts, Arweave permanent storage, and biometric Passkey authentication (currently in active R&D/MVP development), **yuimassage.com** (designed and deployed in under 24 hours), and **danielbaystudios.com** (custom admin CMS). Combines multi-model LLM orchestration and cost optimization (dynamic routing across ChatGPT, Claude, Grok, DeepSeek, and Gemini) with 15+ years of international technical leadership.

CERTIFICATIONS & PROFESSIONAL ACCREDITATIONS

Google Cloud AI/ML DX

Digital Transformation with AI/ML

UN Cybersecurity Certificate

Data Privacy & Cyber Crime Standards

JLPT N3 Certified

Japanese Business Communication

CORE TECHNICAL COMPETENCIES

Full-Stack Web & E-Commerce Engineering

- **Tech Stack:** TypeScript, React, Next.js (App Router), Tailwind CSS, shadcn/ui.
- **Database & Cloud:** PostgreSQL, Supabase (Auth/Storage/DB/SSR Cookies), Prisma ORM.
- **E-Commerce & Automation:** Stripe API multi-currency, Amazon API inventory sync & auto-dispatch.
- **Flagship Platforms:** kajimai.com (Automated EC), yuimassage.com (24h deploy), danielbaystudios.com.

AI, LLM & Workflow Automation

- **Multi-Model LLM Routing:** Cost-effective model selection (ChatGPT, Claude, Grok, DeepSeek, Gemini).
- **RAG Systems:** Vector embeddings & Q&A knowledge bases for doc assistance.
- **n8n AI Agents:** Complex multi-step agentic workflows & API webhook automations.
- **AI OCR:** Automated extraction pipeline from scanned/handwritten documents to JSON.

SEO, GEO & Web Analytics

- **GEO (AI Search Optimization):** llms.txt & llms-full.txt (Open Knowledge Format) for LLM citations.
- **Technical SEO (100/100):** JSON-LD schemas (Product/Offer/FAQ), IndexNow API, CLS=0.
- **Analytics:** Google Analytics (GA4), Umami Privacy Analytics, Google Search Console.

Web3, Cryptography & Digital Infrastructure

- **Cryptographic Sharding (Stella / In Dev):** Shamir's Secret Sharing (SSS) client-side key protection.
- **Smart Contracts:** Rust (Nervos Network / CKB dead man's switch) & Solidity (EVM).
- **Decentralized Storage & Auth:** Arweave / Irys permanent archiving, JoyID (Passkeys / WebAuthn).
- **Network Audio:** European pioneer in EtherSound / MADI digital audio networks (15+ yrs).

PROFESSIONAL EXPERIENCE

International Sales, Customer Care & AI Automation Specialist — ENAGIC International04/2020 – Present | Okinawa, Japan

- **AI OCR & Document Processing:** Designed and deployed an AI-driven OCR extraction pipeline to convert handwritten forms and invoices directly into structured JSON, eliminating manual entry errors.
- **Customer Care Chatbots:** Built and integrated AI customer service chatbots within the internal CRM to handle routine inquiries and streamline support.
- **High-Volume Client Care:** Managed portfolio support for **500+ international clients monthly** using internal CRM systems and automated follow-up workflows.

Full-Stack Web Developer & AI Solutions Architect — Freelance / Projects2023 – Present

- **KAJIMAI (kajimai.com) — Fully Automated E-Commerce & Botanical Platform:** Architected commercial platform using Next.js (App Router), TypeScript, Tailwind CSS, Supabase, and Stripe. **Directly integrated with Amazon APIs for automated real-time stock sync and automated delivery dispatch upon order.** Achieved a **perfect 100/100 SEO & GEO score** (Open Knowledge 11ms.txt, JSON-LD schemas, IndexNow API, CLS=0, automated contextual linking).
- **Stella App — Sovereign Digital Inheritance Protocol (In Active Development / MVP):** Engineered a zero-knowledge succession protocol ("Dead Man's Switch") using Next.js 14, TypeScript, Prisma ORM, and PostgreSQL. Implemented client-side Shamir's Secret Sharing (SSS), Nervos CKB smart contracts, Arweave permanent storage, JoyID biometric Passkey authentication, and Twilio/Resend sentinel monitoring (private pre-launch R&D).
- **Daniel Bay Studios — Commercial Web Platform & Bespoke CMS:** Developed custom admin dashboard allowing non-technical client 100% autonomy to manage galleries, bilingual blog, shop media, and multi-currency Stripe checkouts.
- **Yui Massage (yuimassage.com) — Rapid Deployment Showcase:** Designed, developed, and deployed to production in **under 24 hours** using Next.js and Tailwind CSS with local SEO optimization.
- **Analytics & Multi-LLM Workflow Integration:** Deployed GSC, GA4, Umami Analytics, multi-model cost-optimized AI pipelines (ChatGPT, Claude, DeepSeek, Gemini), and n8n automated agent workflows.

Technical Production Manager & EtherSound Audio Pioneer — La Ferme du Buisson & Independent2007 – 2018 | France & International

- **EtherSound Audio Network Pioneer:** European pioneer in the deployment of the EtherSound digital audio network protocol for major concert venues and broadcasts.
- **Tour & Logistics Management:** Managed technical operations and logistics for international tours (Prince, Pigeon John, Vanessa Paradis, Salif Keita, Vitalic, etc.).

EDUCATION

Japanese Language Program — Okinawa, Japan (JLPT N3 Certified)	2018 – 2020
Associate's Degree in Stage & Technical Management — CFPTS Bagnolet, France	2005 – 2007