

GHAZWAN ALEMARA

AI Automation Consultant & Founder

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PROFILE

Founder and AI automation consultant who has spent the past three years directing Data Genius from a solo venture into a track record of production AI platforms, translating business and client requirements into shipped systems as lead architect and product owner across a proprietary flagship agent-infrastructure product and multiple platforms delivered end-to-end for clients. Combines product ownership and technical direction with the ability to rapidly translate ideas into working AI systems, using AI-assisted development to compress concept-to-production timelines. Holds an M.Sc. in Computer and Systems Sciences from Stockholm University. Now transitioning from founder to a full-time role in AI implementation and strategy, bringing that end-to-end ownership and execution speed into an established team adopting AI at scale.

CORE SKILLS

AI & Agent Systems: Multi-agent architecture & orchestration · Retrieval-Augmented Generation (RAG) & vector search · Semantic routing · LLM tool-calling & reactive execution loops · Agent memory & context management · Agent sandboxing · Model Context Protocol (MCP) · Prompt engineering

AI-Assisted Delivery: Directs AI coding agents (Gemini CLI) to translate requirements into production systems · Rapid concept-to-production delivery (1-2 days) · Technology direction across Next.js, Python/FastAPI and GCP

Cloud & Infrastructure: Google Cloud Platform (Cloud Run, Cloud Functions) · Firebase (Auth, Firestore) · Vertex AI & Vector Search · PostgreSQL

Client & Delivery Management: Technical requirements scoping · Freelance engineer sourcing & delivery oversight (Upwork) · API/third-party integration (Stripe) · Regulatory-aware system design (GDPR, EU AI Act)

EXPERIENCE

Founder & AI Automation Consultant, Data Genius

January 2023 to Present

Gothenburg, Sweden

Founded Data Genius as a solo venture, translating client requirements into shipped AI systems as lead architect and product owner: scoping technical requirements directly with clients, directing system architecture, and sourcing, briefing and overseeing specialist freelance engineers (via Upwork) on larger builds. Selected work:

- **Supernova** (proprietary flagship, built entirely from scratch, live at supernova.cool). Directed the end-to-end design and delivery of an operating system and marketplace for autonomous AI agents: a multi-agent cognitive core on Google Gemini with dynamic memory and tool-calling, semantic routing built on Vertex AI Vector Search across a 500+-tool registry, a serverless Cloud Run execution sandbox with real-time telemetry, and a Stripe-based credit and subscription billing engine. Achieved sub-500ms agent dispatch latency on a scale-to-zero cost architecture.
- **GNOE** (commissioned, delivered end-to-end, live at gn0e.com). Delivered a global carbon-accounting and net-zero ESG platform: an automated Scope 1/2/3 emissions engine aligned to the GHG Protocol, a UN-verified carbon offset marketplace with retirement tracking, and automated audit-ready ESG report generation.
- **CreDominion** (commissioned, delivered end-to-end, live at credominion.com). Directed delivery of a commercial real-estate underwriting command center that compresses 3 to 4 weeks of manual analyst work into a 10-minute, 4-click AI workflow, including automated financial modeling (NOI, cap rates, IRR), an AI zoning and due-diligence document synthesizer, and a live deal-room and portfolio-governance system.
- Additional commissioned delivery: a private deal-matchmaking and concierge platform for ultra-high-net-worth clients (uhnwis.club), a real-time AI-driven cybersecurity training simulator (cyberagents.app), and an autonomous EU AI Act / GDPR compliance audit engine (datacastle.eu).

EDUCATION

Stockholm University, Degree of Master of Science (120 ECTS), Computer and Systems Sciences, specialization in e-Government and Digital Transformation. Stockholm, October 2022 (SeQF/EQF Level 7). Coursework spanned decision-making and business intelligence, IS governance, security and privacy in e-government (IT, law and ethics), big data and open-data management, citizen-centric service design and IT architecture, and business process / case-management systems, completed alongside a 30-credit independent thesis project.

LANGUAGES

English: Fluent · Arabic: Native · Swedish: Intermediate (conversational) · Driving licence: B