

ANASS AGDI

AI Automation Engineer | Integrations Engineer | Automation Engineer

Spain | Spain / EU work authorization | Remote

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PROFESSIONAL SUMMARY

Product-focused AI Automation and Full Stack Engineer building production systems that combine LLMs, workflow automation, APIs, and full-stack apps to remove manual work and ship revenue-ready products. Hands-on across n8n, Make.com, Zapier, webhooks, Node.js, Next.js, PostgreSQL, Supabase, and Stripe. Strong fit for remote Spain/EU roles across automation, integrations, iPaaS, and API-driven operations.

KEY ACHIEVEMENTS

- Built and shipped multiple AI and automation products end-to-end as a solo engineer, covering architecture, implementation, deployment, and monetization.
- Built and deployed automation and LLM pipelines that saved 20 hours per week, reduced processing time by 60%, and improved workflow consistency.
- Delivered production systems spanning **36+ channel integrations, 90+ gateway RPC methods, 31 dashboard pages**, and **8 model providers** in a self-hosted AI assistant platform.

CORE SKILLS

Automation & Integrations: n8n, Make.com, Zapier, API integrations, webhooks, event-driven workflows, ETL pipelines, cron jobs, monitoring, error handling

AI & LLM Systems: OpenAI, Gemini, structured extraction, agent workflows, tool calling, document parsing, prompt orchestration

Backend: TypeScript, Node.js, REST APIs, WebSocket, PostgreSQL, Supabase, serverless functions, database design

Frontend: Next.js, React, Tailwind CSS

DevOps & Product: Docker, Vercel, Fly.io, Netlify, Git, CI/CD, Stripe

Languages: Spanish (Native), Arabic (Native), English (Professional), French (Professional)

PROFESSIONAL EXPERIENCE

AI AUTOMATION ENGINEER / FULL STACK ENGINEER (SELF-EMPLOYED)

Remote | 2024 - Present

- Design and deploy automation workflows using **n8n, Make.com, Zapier, APIs, and webhooks** to remove manual operations and connect business systems.

- Build **LLM-driven pipelines** for document intake, extraction, classification, routing, and approval workflows.
- Develop production apps with **Next.js, React, Node.js, PostgreSQL, and Supabase**, including auth, data models, admin tooling, and Stripe billing.
- Own delivery from architecture to deployment, optimizing for reliability, UX, and measurable business outcomes.

FREELANCE DIGITAL PRODUCER

Remote | 2020 – Present

- Delivered high-volume digital production and localization work for international clients under strict deadlines.
- Built strong execution discipline, remote communication skills, and operational reliability.

OPERATIONS & LOGISTICS ROLES

Ibiza, Spain | Earlier Experience

- Worked in fast-paced operational environments, strengthening execution speed, process discipline, and teamwork.

SELECTED PROJECTS

AGDI — Self-Hosted AI Assistant Infrastructure

Sole Developer & Architect

Tech: TypeScript, Node.js 22, Next.js 16, WebSocket, React, Tailwind CSS, Discord.js, Google Gemini API, Docker, Fly.io, Vercel, Mintlify

GitHub: github.com/anassagd432/Agdi | **Dashboard:** agdi-dashboard.vercel.app | **Website:** agdi.vercel.app

- **Architected** a self-hosted AI assistant platform connecting **OpenAI, Anthropic, Gemini, Ollama**, and **36+ messaging channels** through a unified gateway.
- **Engineered** a real-time WebSocket gateway with challenge-nonce authentication, protocol versioning, device pairing, and **90+ RPC methods** across agents, channels, config, sessions, approvals, cron, and health.
- **Built** a **31-page** Next.js dashboard with live WebSocket telemetry, agent fleet management, and fully wired RPC data across the admin surface.
- **Deployed** a Dockerized Discord admin bot on Fly.io for 24/7 support automation, moderation logging, and onboarding flows powered by Gemini.
- **Published** `agdi@4.0.1` to npm with CLI tooling, multi-channel routing, and an extensible plugin SDK supporting **8 model providers**.

DOCKPARSER — AI Document Extraction SaaS

Full Stack Engineer | Product Owner

- Solved manual invoice and contract processing by building an LLM-based extraction platform for PDFs and images with structured outputs.
- Implemented authentication, file uploads, extraction pipelines, persistence, and Stripe subscriptions, targeting **[X%] faster processing** and **[Y hours/week]** less manual work.

VENDORVAULT — Vendor Onboarding & Document Workflow Platform

Full Stack Engineer

- Replaced fragmented vendor onboarding with a centralized document workflow app featuring uploads, approval flows, and admin review tooling.
- Improved operational visibility and review speed, with placeholder impact of **[X hours/week]** saved.

NANO-BANANA — AI Visual Concept Generator

Full Stack Engineer

- Built an AI product that transforms user images into product and toy concepts using Gemini Vision for multimodal understanding.
- Reduced concepting time from manual ideation to automated generation, with placeholder impact of **[X] concepts/session**.

EDUCATION

University.com (Online) — AI Automation coursework