

ROSS MARCO CORDOVA

AI Automation Engineer · Web Developer · AEO / SEO

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SUMMARY

AI automation engineer who ships production systems end to end on Claude, n8n, and TypeScript. I build multi-tenant AI products: voice and chat agents (production RAG on the customer-service agent), meeting-intelligence pipelines, and workflow automation that runs on its own, and I have delivered 70+ production websites and technical SEO/AEO. I take a client's manual, hours-eating process and turn it into a reliable system: discovery, architecture, build, deployment, and ongoing support.

TECHNICAL SKILLS

AI / LLM Claude (Anthropic) API, prompt engineering, agents & tool use, structured / JSON-schema outputs, production pgvector RAG (OpenAI text-embedding-3-small, cosine-ANN retrieval), evals
Automation n8n in production (webhooks, branching, error handling & retries, OAuth), ClickUp automations, workflow orchestration, human-in-the-loop review
Backend Node.js, TypeScript, Hono, REST APIs, webhooks, OAuth, multi-tenancy, Postgres row-level security, queues (pg-boss)
Voice AI Vapi, Telnyx, Twilio
Data / Infra PostgreSQL (Supabase, Neon), pgvector, Drizzle, Railway, Vercel, Git
Web Webflow, Shopify (Liquid), Wix (Velo / JavaScript), WordPress, Duda, Next.js, React, Tailwind CSS, HTML/CSS
SEO / AEO Technical SEO audits, answer-engine optimization, Google Search Console, GA4, Ahrefs, SEMrush, Screaming Frog, PageSpeed Insights

EXPERIENCE

AI Automation Engineer

Feb 2026 – Present

Independent AI automation practice · Remote · US clients

- **Meeting Intelligence:** multi-tenant Claude (Sonnet) extraction pipeline that turns meeting transcripts into tracked, human-verified action items with owner, due date and status, every item pinned to a verbatim source quote (no quote, no item). In production at a US specialty-construction client, GFI Protected Spaces: across the first 60 days (Apr to Jun 2026), 81 meetings, 1,066 action items and 223 tracked topics spanning two of their businesses, cutting 2 to 4 hours a day of manual note-sorting to near zero. Next.js + Neon Postgres (row-level security) + Drizzle + Clerk; standalone Node worker with idempotent, atomic-lock processing so a duplicate webhook never double-processes.
- **AI Voice & Chat Agents:** multi-tenant platform on Vapi + Telnyx + Claude. An inbound receptionist, an outbound setter, and a Shopify customer-service agent behind 16 function-calling tools and 7 CRM adapters (HubSpot deep). The customer-service agent runs genuine per-client pgvector RAG (OpenAI embeddings, cosine-ANN retrieval scoped per client and agent type); the latency-sensitive receptionist answers from a curated, versioned system prompt by design. TCPA compliance built as architecture: a pure, clock-free evaluator written to be exhaustively unit-tested, a database CHECK constraint that makes a non-attested marketing campaign impossible to create, callee-local quiet hours, DNC suppression, in-call opt-out as a first-class tool, and an immutable per-dial audit snapshot. Node / TypeScript (Hono) on Railway + Supabase.
- **AEO Analysis Engine:** a zero-dependency TypeScript engine (32 modules, Node built-ins only) I built for my own practice, scoring pages for citation across six AI answer engines (Perplexity, ChatGPT, Gemini, Claude, Google AI Overviews and AI Mode), with honesty enforced in code so a signal that could not be measured never counts as a pass, a fail, or a zero. 152 measurement-honesty defects found and fixed across 7 adversarial rounds of attacking my own tool. I run it on real sites and publish the reports: benchmarking 11 sites I built and handed over put median citation-readiness at 50/100, with 2 of the 11 serving under 220 words of raw HTML — invisible to any crawler that does not run JavaScript.
- **Opportunity Radar:** a configurable qualification pipeline that discovers public procurement records across 85 source adapters, qualifies each against an editable scope profile using Claude with schema-constrained output, and presents an auditable triage board with written reasoning and visible, overrutable rejects. 2,308 records processed, 1,972 AI-scored, and 181 pursue-grade opportunities surfaced. In use at a ballistic-protection firm under NDA.
- **AP/AR Automation:** n8n + Claude system that reads and GL-codes invoices against per-vendor memory and routes Slack approvals with a human in the loop. Built and tested end to end across nine n8n workflows; no payment node by design, so the terminal action is create-bill and a human pays, keeping the blast radius of a model error to a wrong

draft in an approval queue rather than money leaving an account. Append-only audit log enforced by a database trigger, an exception queue so nothing fails silently, and bank-detail change detection.

Head of Web Design, Tradepro360

Jan – Feb 2026

UK voice-AI company · Remote

- Built and led the web design department from zero: design system, build standards, SOPs, and frameworks on Webflow (Client-First, Relume). Automated the department's project-management workflow in ClickUp and trained junior web designers on the standards and delivery process.

Freelance Web Developer

Jul 2024 – Jan 2026

US clients · Remote

- Shipped 70+ production, SEO-optimized websites on Webflow, Shopify (Liquid), Wix (Velo / JavaScript), and Duda across legal, healthcare, e-commerce, and professional services, with an 85% average on-page and technical audit score at handover. Contributed to 40%+ organic traffic growth (roughly 83k to 116k monthly visits) for a subcontracted Shopify client through a conversion-focused rebuild and technical SEO. Built custom record-management and automation tooling from scratch, then moved into LLM-powered voice agents, meeting intelligence, and workflow automation.

Product Support Specialist, DecoNetwork

Dec 2024 – May 2025

Remote · concurrent with freelance

- QuickBooks and Shopify integrations, integration troubleshooting, HTML/CSS front-end work, and e-commerce store configuration for a global print-on-demand platform, with a 95% customer-satisfaction score.

EDUCATION

Bachelor of Science in Information Technology, Bicol University

Legazpi City, Philippines · 2024