

Raymond Reyes

AI Automation and Implementation Specialist

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Mobile, Alabama

PROFESSIONAL SUMMARY

Automation and AI implementation specialist. I take systems from the first requirements meeting to running in production.

Delivered more than 80 websites and online stores for clients, and currently develop and operate proprietary systems that include payment processing, user management and directly administered infrastructure.

I build with coding agents: I decide the architecture, write the requirements and test every result by running it. My contribution is the technical judgment and the verification.

Bachelor's degree in Information Science.

AREAS OF EXPERTISE

Manual process automation. I convert repetitive tasks, such as report preparation, data transfer between systems and follow-up communications, into automated jobs that send an alert the moment one fails.

Systems integration. I connect applications with no native compatibility through APIs and webhooks, eliminating duplicate manual data entry.

Applied artificial intelligence. I identify the processes where AI delivers measurable value and implement evaluation systems that verify the quality of its output.

E-commerce and payment processing. I integrate Stripe and PayPal end to end: card, Apple Pay and Google Pay, failed payments, and verification with the provider before an order is confirmed.

Silent failure diagnosis. I find why an automated process reports success and still produces the wrong result.

PROFESSIONAL EXPERIENCE

Smart Boost Services LLC — Mobile, Alabama

Founder and Technical Lead | 2024 – Present

- Run every technical system in the company: the AI automations, the API integrations, the online store and the Linux server they run on.
- Implemented an autonomous purchasing-opportunity analysis system that has operated unattended since deployment, with 37,800+ product evaluations across 4,300+ unique products.
- Connected the payment gateway, the database and the messaging system so every lead and sale is recorded without manual entry, and an alert fires when a step fails.

Web Development and E-commerce — Independent

2019 and 2022 – 2024

- Designed and built websites and online stores for my own clients, and handled each project myself: quote, development, deployment and ongoing support.

Bump Media International Group — Santiago, Chile

Web Designer and WordPress/WooCommerce Implementer | 2020 – 2022

- Delivered more than 50 websites and 30 online stores, from requirements gathering through production launch, working remotely for clients based in Spain.
- Advised clients directly on the operation of their platforms and translated their business requirements into technical specifications, reducing subsequent support volume and rework on delivered projects.
- Structured the layout of each project and assessed the use of extensions according to each business's specific needs, rather than applying a standard template.

Networks, Video Surveillance and End-user Support

NetPoint Technologies, Chile (2017 – 2018) · RG Soluciones, Venezuela (2013 – 2016)

- Maintained the networks and physical security systems of Gate Gourmet Chile, a global airline catering company: incident diagnosis, networking, video surveillance and biometric access control.
- Supported clients on site and remotely, and trained users on the systems and equipment deployed.

SELECTED PROJECTS

Prospector — Autonomous purchasing-opportunity analysis system

Python, TypeScript, PostgreSQL, self-managed server

- Built a system that scores products against eighteen configurable buy criteria and alerts me when one passes, with no manual step in between. It has run 31 days straight with no intervention and has evaluated 37,800+ products.
- Integrated five external services with no native compatibility, including the Amazon Selling Partner API, isolating each one so that the unavailability of one provider does not affect the rest of the system.
- Developed a suite of 1,143 automated tests (839 backend, 304 dashboard) that validates the complete system without consuming paid external services.
- Diagnosed and fixed unbounded memory retention that was killing the nightly process with no error record (OOM, exit 137), cutting consumption from 3.3 GB to roughly 400 MB.
- Documented four production incidents with root cause and remediation, including one that executed financial calculations on a partial data sample without raising an alert.

Payments and lead capture infrastructure — Personal brand e-commerce

Next.js, Stripe, PayPal, PostgreSQL

- Integrated three payment methods: card, Apple Pay and Google Pay, and PayPal. An order is confirmed only after the provider verifies the charge.
- Found and fixed a phone-number normalization bug that tagged about 30% of Latin American numbers with the wrong country and raised no error, extending correct handling from 7 countries to 20.
- Locked down the customer database: the app reads it only through permission-scoped SQL functions, never the full table.
- Implemented an automated pre-deployment review process that identified and blocked two defects before they reached production.

Content publishing automation

n8n, Claude, Gemini, CMS, database

- Built four n8n workflows for a personal brand: AI-assisted drafting, image generation, publishing to the CMS as a draft for human approval, and PDF delivery triggered by an Instagram DM.
- Automated the subscription and newsletter cycle, with retries on delivery failure and an alert if it still does not go through.

Lumina — Multimodal image and video analysis

Google Gemini API (gemini-2.5-flash), Next.js, Vercel Blob

- Developed a tool that analyzes visual content and generates the instructions required to reproduce an equivalent result using artificial intelligence.

TECHNICAL SKILLS

Automation and artificial intelligence: n8n, Claude API, Gemini API, prompt engineering, coding agents, semantic search with pgvector, systematic evaluation of AI agents

Systems integration: REST APIs, webhooks, JSON, Amazon SP-API, Stripe, PayPal, SerpAPI, Keepa, Telegram Bot API

Development: Python, TypeScript, JavaScript, Next.js, React, SQL

Databases: PostgreSQL, Supabase, row-level security, migration design

Infrastructure: Linux servers, Vercel, Docker, scheduled jobs, DNS, SSL, Cloudflare

E-commerce: WordPress, WooCommerce, payment gateways, conversion funnels

EDUCATION

Bachelor's Degree in Information Science — Universidad Politécnica Territorial Andrés Bello, 2006–2011

CCNA Networking coursework — Centro de Educación Integral Pablo Neruda (Pearson VUE authorized center), 2016. Full course completed; certification exam not taken.

LANGUAGES

Spanish — native | English — intermediate