

# ANDRÉS CORRAL

Senior Automation Engineer · AI Agent Architect · n8n Specialist

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Automation Engineer with 5+ years designing intelligent automation systems for B2B companies across Latin America. Specialized in AI agent architecture, advanced n8n workflows, and LLM integration (Claude, Gemini, GPT-4). Delivered 15+ production-grade projects spanning conversational sales bots, multi-client SEO engines, autonomous prospecting pipelines, and LinkedIn social selling systems. Track record of turning operational bottlenecks into automation products that scale without marginal cost increases.

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## CORE SKILLS

**Orchestration:** n8n · Make · Zapier | **LLMs & Agents:** Claude · Gemini · GPT-4 · LangChain | **Context Eng:** RAG · Pinecone · Embeddings · BM25  
**APIs:** WhatsApp Business · LinkedIn API · Gmail · Google Calendar · Webflow · Odoo | **DB:** NocoDB · Airtable · PostgreSQL · Supabase  
**Dev:** Python · FastAPI · JavaScript/TypeScript · SQL · Google Apps Script | **Observability:** Langfuse · PostHog · Docker

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## EXPERIENCE

**Automation Architect** 2023 – Present

Independent · Colombia & LATAM

- Designed and delivered 15+ production-grade automation systems for B2B clients in aesthetics, HVAC, fintech, and sales — fully end-to-end from architecture to deployment.
- Built a LinkedIn B2B social selling pipeline (n8n + Apify + Claude API) for strategic pre-nurturing of 50–100 target prospects simultaneously — reduced daily effort from 45 min to 10 min, generating 8–12 touchpoints/month per prospect.
- Developed a fully autonomous prospecting system (Odoo webhook → Gmail → Google Calendar) with generative AI — reduced time-to-first-contact from 72 h to under 3 min, tripled monthly booked meetings, eliminated 100% of manual follow-up hours.
- Built a multi-clinic SEO content engine using cascaded AI agents and RAG (Pinecone + embeddings) — full article generated in under 10 min vs. ~3 h manual writing, scales to N clients with zero marginal cost.
- Designed Aurora, a multi-agent HVAC system with RBAC, episodic/semantic memory, WhatsApp Business API, and Langfuse for end-to-end observability.
- Built a social media content engine (Gemini art director + fal.ai image generation + visual validation loop) producing carousel and stories drafts autonomously per clinic brand identity.

Stack: n8n · Claude API · Gemini · GPT-4 · WhatsApp Business API · NocoDB · Pinecone · Langfuse · PostHog · Apify · LinkedIn API v2 · FastAPI · Python

**Automation Specialist** Aug 2025 – Present

Adoreal · Colombia

- Built Auri, an internal AI assistant with optimized tool-routing logic over Gemini, covering operational query flows and internal reporting.
- Designed social content automation pipeline (DALL-E → Sanity → Airtable → Publer) for iQonic Aesthetics.

Stack: n8n · Gemini · DALL-E · Sanity · Airtable · Publer

**SR Product & Delivery Manager** Jan 2025 – Jan 2026

Mappa · Colombia

- Acted as senior technical product architect across systems Atenea, BirdsEye, María, Minos, and Nuggets.
- Led delivery of complex features coordinating engineering, data, and design teams under agile methodologies.

Stack: Notion · Jira · Scrum · internal AI systems

**BizOps Automation Specialist** Sep – Dec 2024

PitsDepot · Colombia

- Automated billing and supplier reconciliation processes — eliminated 4–6 h/day of manual work, grew monthly revenue from \$19K to \$30K.

Stack: n8n · Google Apps Script · Make · Google Sheets · Slack

**QA & Delivery Manager** Apr – Aug 2024

Fuse (Fintech) · Colombia

- Implemented Cypress E2E testing on ReTool platform — deployment testing time from 45 min to 2 min (–95.6%). Resolved 50+ critical issues pre-production.

Stack: Cypress · TypeScript · Postman · JMeter · SQL · MongoDB

**Product & Delivery Manager** Jul 2021 – Jul 2023

Talently (EdTech) · Colombia

- Led placements vertical end-to-end. Introduced crypto payments driving +15% MoM revenue. Cycle-based methodology increased feature delivery by 50%.

**Delivery Manager** Aug 2021 – Jul 2022

### **Cinemark LATAM (via Sundevs) · Colombia**

- Led feature development across 3 platforms in 11 LATAM countries, managing a web and mobile team of 30+ engineers and coordinating stakeholders across markets. Reduced reported bugs by 70%.

### **CPO & Co-founder***Mar 2020 – Aug 2021*

#### **LiciMatic (SaaS) · Colombia**

- Led full platform redesign from 20% functionality to competitive parity in 6 months. Acquired 60 recurring clients within 2 months post-launch handling sales, onboarding, and support.

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## **EDUCATION**

### **B.S. Business Administration — Universidad de Cundinamarca***2014 – 2019*

**Certifications:** Project Management Program · Project Fundamentals · Financial Project Evaluation · From Zero to PM · Advanced n8n (self-taught)

**Languages:** Spanish (native) · English (professional — technical documentation, contracts, international clients)

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