

Roberto Aguirre Guardia

Head of AI · Directs What AI Agents Build (Claude Code · Anthropic APIs) · Autonomous Agents in Production · Business Need to Deployed Tool · MBA · 15+ years

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PROFILE

Most of what this role asks for is already my day job. As Head of AI I do not write software line by line, I **instruct, guide and refine what autonomous agents build**, working every day inside **Claude Code** and with the **Anthropic and OpenAI APIs**, prompt frameworks and agent workflows. I **design and operate a squad of coordinated autonomous agents in production** that runs development, QA, PMO, content, research and architecture on real business operations. Across **15+ years** I have turned **business needs into specs and shipped solutions** in banking, health and government, so I read an operation, spot the friction, and automate it. Strong **technical literacy** (APIs, databases, webhooks, front and back). Systems Engineer with an **MBA**, and a natural tinkerer who scouts new AI tools for a living.

EXPERIENCE

Head of AI & Digital Transformation · DigitalHubAssist LLC Oct 2024 · Present
Remote · GenAI / SaaS Platform

- ▶ **Directing AI generated development:** I build by **instructing and refining what AI agents produce**, not by writing line by line code. I work daily in **Claude Code** and with the **Anthropic and OpenAI APIs**, writing the precise context, rules and prompts that get agentic tools to build robust, multi file solutions. Under my leadership the company reached **Registered Partner status in Anthropic's partner program**.
- ▶ **Autonomous agents in production:** designed and operate a **squad of coordinated autonomous agents** running development, QA, PMO, content, research and architecture on real operations, with model versioning, agent monitoring and traceability (**Langfuse**) and CI/CD on cloud infrastructure (PostgreSQL, Redis, Inngest, Vercel, Supabase).
- ▶ **Business need to deployed tool:** built "**Juntas**", **boards of mentor agents** that take a plan, stress test it from opposing perspectives and surface assumptions before execution, an internal tool that turns a real decision problem into an AI powered workflow. Direct the roadmap of **MedicalHubAssist** (LLMs, voice transcription), recognized by **Revista DINERO** for its value in Colombia and LATAM.

Consulting Manager · NTT DATA Colombia Apr 2021 · Oct 2024
Bogotá, Colombia · Financial Services (Grupo AVAL)

- ▶ **Business need to specs, in production (Banco Popular):** credit origination was split across **fragmented applications**, one obsolete and one without vendor support, slow and costly. I led the team that translated that friction into a **modular digital origination platform with scoring**, integrated with internal and external systems, from need to production. It shipped, and earned the bank's confidence to build a roadmap toward mortgage lending.
- ▶ Led the office's largest account, up to **30 people**, under **C level governance**, with its **lowest attrition**; restored the viability of the **Promigas** program, recognized at corporate level.

Project Manager · Digital Products & Channels · VASS (2018-21) · GlobalHitss (2015-18) 2015 · 2021
Bogotá, Colombia · Pensions · Health · E-commerce

- ▶ Led the modernization of the digital channels of **Porvenir**, a pension fund of **millions of users**, with its self service payment portal and a cloud migration → **LATAMDIGITAL 2019** award. Delivered the **Colsanitas health e-commerce portal**, with a significant improvement in conversion and team productivity.

Digital Transformation Lead · Tecnocom Colombia Aug 2012 · Nov 2015
Bogotá, Colombia · Public Sector

- ▶ Led the digitalization and innovation of the **Judicial Branch of Colombia** under a **PMBOK/PMI** framework.

EDUCATION & TEACHING

MBA · Tecnológico de Monterrey · Systems Engineering, U. de Lima (Top Tercile) · Founding 2004 · 1999
Professor, Innovation Chair, U. Sergio Arboleda · Graduate Lecturer, U. Externado

SKILLS

Directing AI Generated Development

Claude Code · Anthropic & OpenAI APIs (daily)

Vibe Coding Mindset · Prompt Frameworks · Agent Workflows

Scouting: Base44 · Bolt · Replit Agent · v0 · Cursor

Autonomous AI Agents · LLMs · RAG

Rapid Prototyping · Need → Deploy → Iterate

Business Process & Needs Analysis · Need to Specs

Internal Tooling · Automation · Scale

APIs · Databases · Webhooks · Front & Back

Continuous QA of AI Workflows · Langfuse · CI/CD

MBA · Systems Engineering · Spanish native · Professional English