

Roberto Aguirre Guardia

AI Solutions Architect · Building AI Agents from Scratch to Production · Claude, LLMs, RAG & Multiagent Orchestration · Anthropic Registered Partner · Bridge Between Business and Engineering · 15+ Years · MBA

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SUMMARY

Solutions architect with **15+ years** turning business problems into scalable solutions, now focused on **AI agents**. As Head of AI and founder, I **architect and build AI agents from scratch to production: Agent Squad AI** (multiagent orchestration) and **MedicalHubAssist** (conversational assistants), using **Claude, LLMs, RAG, embeddings, semantic search, function calling, and API integration**, with **durable workflows** and **observability**. Under my leadership the company reached **Registered Partner status in Anthropic's partner program**. I act as the **bridge between business and engineering**, own solutions from **discovery to production**, and embed **responsible AI** (governance, human review, traceability). I bring **15+ years of enterprise delivery** across finance, health, and government, with senior stakeholder management. Systems Engineer with an **MBA**. Native Spanish, advanced professional English.

EXPERIENCE

Head of AI & Founder · AI Solutions Architecture · DigitalHubAssist LLC Oct 2024 · Present
Remote · GenAI / SaaS Platform

- ▶ **AI agents from scratch to production:** I architect and build **Agent Squad AI** (multiagent orchestration) and **MedicalHubAssist** (conversational assistants) end to end, using **Claude, LLMs, RAG, embeddings, semantic search, and function calling**, integrated with real systems via APIs. Under my leadership the company reached **Registered Partner status in Anthropic's partner program**.
- ▶ **Architecture and reliability:** I design the supporting architecture with **durable workflows (Inngest), observability and traceability (Langfuse)**, and cost control, so agents run reliably in production, not just in a demo.
- ▶ **Responsible AI:** I embed **governance, human review, data privacy, and safe deployment** in every solution. MedicalHubAssist was recognized by **Revista DINERO**.

Consulting Manager · Solutions Architecture & Delivery · NTT DATA Colombia Apr 2021 · Oct 2024
Bogotá, Colombia · Banking (Grupo AVAL) · Utilities

- ▶ Acted as the **bridge between business and engineering** on the office's **largest account** (up to **30 people**), translating business problems into solution scope and architecture under executive governance and P&L.
- ▶ Introduced **applied AI in the account's software factory** to accelerate delivery, and architected a bank's **digital credit origination hub** in production, escalating dependencies to the presidency early and recovering the viability of the **Promigas** program (corporate recognition).

Project Manager · Solution Delivery · VASS (2018-21) · GlobalHitss (2015-18) · Tecnocom (2012-15) 2012 · 2021
Bogotá, Colombia · Pensions · Health · Public Sector

- ▶ Delivered scalable digital solutions: modernized **Porvenir's** digital channels (millions of users) → **LATAMDIGITAL 2019** award; delivered **e-commerce** (Colsanitas); digitalized **Colombia's Judicial Branch** under PMBOK/PMI.

EDUCATION

MBA · Tecnológico de Monterrey · Systems Engineering, U. de Lima (Top Third) 2004 · 1999

CORE COMPETENCIES

AI Solutions Architecture · Discovery to Production	AI Agents from Scratch · Multiagent Orchestration	
Claude · LLMs · RAG · Embeddings · Semantic Search	Function Calling · API Integration	
Durable Workflows (Inngest) · Observability (Langfuse)	Responsible AI · Governance · Traceability	
Bridge Between Business and Engineering	Enterprise Delivery · Executive Stakeholders	Anthropic Registered Partner
MBA · Systems Engineering · Advanced Professional English		