

Roberto Aguirre Guardia

Senior AI Solutions Architect · GenAI Assistants, Agents & RAG in Production · Bridge Between Business and Engineering · Claude · Anthropic Registered Partner · 15+ Years · MBA

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SUMMARY

Solutions architect with **15+ years** turning business challenges into scalable solutions, now focused on **generative AI**. As Head of AI and founder, I **architect and operate AI assistants, agents, and RAG in production** with **Claude and LLMs**, and I act as the **bridge between business leaders and engineering teams**: I lead solution discovery, shape the architecture, and take it to production. Under my leadership the company reached **Registered Partner status in Anthropic's partner program**. I design **agentic AI and workflow automation**, embed **responsible AI** (governance, human review, traceability, safe deployment), and know where an AI capability becomes real business value and where it breaks, because I run it every day. I bring **15+ years of enterprise delivery** across banking, healthcare, 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

- ▶ **Architect AI solutions from discovery to production**: I design and operate **AI assistants, agents, and RAG** with **Claude and LLMs**, including **Agent Squad AI** (agentic multiagent orchestration) and **MedicalHubAssist** (conversational assistants, voice), integrated with real systems via APIs. Under my leadership the company reached **Registered Partner status in Anthropic's partner program**.
- ▶ **Workflow automation and scalability**: I turn business challenges into **scalable solutions**, designing **workflow automation** and the supporting architecture (retrieval, embeddings, semantic search, function calling, integrations).
- ▶ **Responsible AI and operation**: I embed **governance, human review, traceability (Langfuse), and safe deployment**, and monitor KPIs of adoption and value. MedicalHubAssist was recognized by **Revista DINERO**.

Consulting Manager · Solutions & Enterprise 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 challenges into solution scope and architecture, under executive governance and P&L on healthy indicators.
- ▶ 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

Generative AI · LLMs · Claude

AI Assistants · Agentic AI · RAG

Workflow Automation · System Integration (APIs)

Bridge Between Business and Engineering

Scalable Solutions · Business Value

Responsible AI · Governance · Traceability

Enterprise Delivery · Executive Stakeholders

Anthropic Registered Partner

MBA · Systems Engineering · Advanced Professional English