

Roberto Aguirre Guardia

Head of AI · Owner of AI Products, Concept to Production · LLMs, AI Agents, RAG, Vector Databases, Orchestration · Educator · 15+ Years · MBA

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SUMMARY

I own AI products from **concept to production**, and I build them myself. As **Head of AI** I drive the vision and roadmap, turn strategy into **prioritized product plans and business outcomes**, and ship with exactly the stack this role needs: **LLMs, APIs, automation, AI agents, RAG, vector databases (pgvector), and multiagent orchestration frameworks**. I bring a perspective most AI builders lack: as a **founding professor** and masters level lecturer, I understand when AI genuinely improves **learning outcomes**, not just content delivery, which makes the difference between an AI tutor that teaches and one that only serves content. I add **15+ years** of enterprise delivery across banking, healthcare, and government, work fluidly across **product, technical, and business teams**, and continuously **evaluate and adopt new AI tools** for speed, quality, and scalability. Systems Engineer with an **MBA**. Native Spanish; advanced English at a professional and negotiation level.

EXPERIENCE

Head of AI · AI Products · DigitalHubAssist LLC

Oct 2024 · Present

Remote · GenAI Platform / SaaS · Learning & Health

- ▶ **Own and execute the AI product roadmap:** I drive the vision, turn strategy into **prioritized plans and business outcomes**, and take AI products from **concept to production**. I built and operate **Agent Squad AI**, and I lead **MedicalHubAssist**. Under my leadership the company reached **Registered Partner status in Anthropic's partner program**.
- ▶ **The full AI stack, hands on:** I work daily with **LLMs, APIs, automation, AI agents, RAG, vector databases (pgvector), and multiagent orchestration frameworks**, embedding AI capabilities such as conversational assistants, copilots, and process automation, integrated with real systems and data.
- ▶ **Launch, measure, and improve:** I develop, launch, and continuously improve products and features, define and monitor **KPIs and adoption**, and **evaluate and adopt new AI tools** for speed, quality, and scalability. MedicalHubAssist was recognized by **Revista DINERO** for its high value in Colombia and LATAM.

Consulting Manager · Digital Transformation & Applied AI · NTT DATA Colombia

Apr 2021 · Oct 2024

Bogotá, Colombia · Banking (Grupo AVAL) · Utilities

- ▶ **Delivering AI products, concept to production:** I implemented **artificial intelligence in the account's software factory** and delivered digital credit scoring and risk models. I led the office's largest account (up to **30 people**), shipping a **digital credit origination hub** for a bank, delivered in phases to production.
- ▶ **Stakeholders and business outcomes:** I escalated dependencies to the presidency early rather than reporting them once they blocked, restored the viability of the **Promigas** project (corporate recognition), and managed P&L with healthy indicators. Lowest staff turnover of the entire account.

Project Manager · Digital Transformation · VASS (2018-21) · GlobalHitss (2015-18) · Tecnocom (2012-15)

2012 · 2021

Bogotá, Colombia · Pensions · Healthcare · Public Sector

- ▶ Modernization of **Porvenir's** digital channels (millions of users) → **LATAMDIGITAL 2019** award; e-commerce and landing products (**Colsanitas, Cardif**); digitalization of **Colombia's Judicial Branch** under Agile and PMBOK/PMI. Earlier: **presales engineering for an SAP Business One partner** (familiarity with the SAP ecosystem).

EDUCATION & TEACHING

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

2004 · 1999

Professor, Innovation Chair, U. Sergio Arboleda · Masters Lecturer, U. Externado

CORE COMPETENCIES

AI Product Ownership · Concept to Production	AI Product Roadmap · Prioritization by Value & ROI
LLMs · AI Agents · RAG · Prompt Engineering	Vector Databases (pgvector) · Orchestration Frameworks
APIs · Automation · System Integration	AI Enhanced Learning · Educator Perspective
Evaluate & Adopt New AI Tools · Speed, Quality, Scale	Cross Functional · Stakeholder Management
Translate Complex AI into Business Solutions	MBA · Systems Engineering · Educator · Advanced English