



Santiago Paz

AI Engineer | RAG, Agents and Multi-Agent Systems

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Software Engineer with 13 years building high-traffic web platforms, now moving into AI engineering. Taking LLMs into production means the retrieval, agents, guardrails and evaluation around the model, not just an API call. Throughout, a recurring thread of visual page builders that turn content models into systems non-engineers can drive.

Key Skills

GenAI and LLM: Retrieval-Augmented Generation (RAG), Agents and Tool Use, Multi-Agent Systems, Prompt Engineering, Guardrails and Evaluation

Cloud: Amazon Web Services (AWS), Amazon Bedrock

Frameworks and Libraries: LangGraph, Strands Agents SDK, FastAPI, FAISS, boto3, Next.js

Languages: Python, TypeScript

Engineering: Multi-Tenant SaaS, Visual Page Builders, High-Traffic Web Platforms, Performance Optimization

Projects

Contract Lens · contract-lens-web.vercel.app · github.com/santiago-paz/contract-lens

- Multi-tenant SaaS where an LLM extraction pipeline turns PDF and DOCX contracts into typed, structured data driving a deadline and alert system.
- Versioned prompt configs with two-model routing by task shape.
- AES-256 encryption at rest and 5-role RBAC.

Multi-Agent Trading Desk · multi-agent-trading-desk.vercel.app · github.com/santiago-paz/multi-agent-trading-desk

- 12 LLM analyst agents on a LangGraph + FastAPI backend, driving rebalancing and backtesting over a portfolio.
- Next.js frontend with live broker integration.

bedrock-genai-labs · github.com/santiago-paz/bedrock-genai-labs

- 26 runnable labs against live Amazon Bedrock APIs, built in Python and boto3.
- FAISS vector store built from scratch, with hybrid dense + BM25 retrieval and reranking.
- Agent loop written by hand before rebuilding it on the Strands Agents SDK.
- Bedrock Guardrails, PII redaction and LLM-as-judge evaluation.

Certifications and Awards

Certification: AWS Certified Generative AI Developer - Professional (in progress)

Award: 3rd Place Globally, Hack-Nation Global AI Hackathon (2,000+ participants)

Professional Experience

Dialpad

05/25 - Present

Senior Web Developer

- Build and ship pages across dialpad.com, a Next.js App Router site on Vercel with a Contentful back end, spanning ~1,900 pages across five locales and serving millions of visitors.
- Building a WYSIWYG page builder in Next.js: pages composed visually from modular blocks, with each block's properties mapped and kept in sync with its Contentful content model.
- Work in TypeScript, React and Tailwind, with performance, SEO and accessibility as release criteria.

Dialpad

06/22 - 05/25

Web Developer

- Built and maintained high-traffic marketing pages across Dialpad's global web platform.

Monks

06/21 - 02/22

Senior Software Engineer

- Developed high-performance web solutions for major digital platforms.
- Created a low-code drag-and-drop page builder with Angular for mobile storefronts.
- Built web showcases for Google Chromecast focusing on seamless interactivity and cross-device performance.

R/GA

08/20 - 06/21

Software Engineer

- Built marketing pages for Google's Small Business initiatives (smallbusiness.withgoogle.com) in AngularJS, reaching millions of visitors monthly.
- Built a WYSIWYG page builder that let the team assemble campaign pages without engineering time.
- Held performance and WCAG compliance across high-traffic pages.

Digital Beings

07/19 - 08/20

Full-Stack Engineer

- Built the platform behind Wrap (wrap.co), which generates "Wraps": app-like interactive content that runs inside messaging feeds with no app install.
- MEAN stack: Angular front end on Node.js services, with user, team and permission management.
- Modular architecture so new content formats could be added independently of the generator.

Globant

03/18 - 07/19

Web Developer

- Co-engineered JPMorgan's migration from a legacy ActionScript system to a full Angular platform.
- Rebuilt stock calculation interfaces used by brokers, on top of the bank's existing back end.
- Refactored interfaces for WCAG compliance and accessibility.

Earlier Experience

Logismata

06/17 - 03/18

Software Engineer. FinTech and PropTech modules for the Swiss financial sector: financial planning, tax and real estate, in Angular and TypeScript.

MRM

03/14 - 06/17

Web Developer. Promotional rewards platform for GM's "GM Card" program in the US market, built in AngularJS.

HP

01/11 - 10/12

Java Web Developer. Large-scale telecom workflows for HP's enterprise division, in J2SE, JBoss Seam and JSF.

Education

Universidad de Buenos Aires

03/23

Bachelor's Degree in Data Science

Digital House

2018 - 2019

Data Science Program

Universidad de Buenos Aires

2010 - 2013

Bachelor of Computer Science (incomplete)

Languages

Spanish (Native), English (Bilingual), German (Elementary)