

Eric Aguayo

Senior Solutions & Implementation Engineer

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PROFESSIONAL SUMMARY

Senior Solutions & Implementation Engineer with 15+ years of full-stack and platform delivery, integrations, and cloud infrastructure for media, education, government, and enterprise clients. I combine technical depth in CMS platforms, serverless architectures, and cloud/AI automation with client discovery, cross-functional leadership, and business outcomes. Recent work includes production RAG pipelines, agentic SDLC tooling, and Zero Trust edge platforms; AI is a differentiator I apply when it improves delivery, not a prerequisite for the roles I seek.

TECHNICAL SKILLS

Drupal / CMS: Enterprise Architecture, Solution Design, Implementation, Integrations, Custom Module Development, Drupal 7/8/9/10 Migration, Decoupled / Headless, Multilingual Multisite, WordPress, Decap CMS, Acquia / Pantheon

PHP: Drupal, Laravel, Symfony

JavaScript / TypeScript: Node, React, Next.js, Vue, Svelte, Express

DevOps & Infrastructure: Platform Delivery, Terraform (IaC), Ansible, Kubernetes (EKS & Self-hosted), GitHub Actions, GitLab Pipelines, Bitbucket Pipelines, GitOps (ArgoCD / Flux), Docker, AWS (EC2, VPC, S3, RDS, DynamoDB)

Cloudflare / Serverless: Cloudflare Workers, Workers KV / D1 / R2, Vectorize / AI Gateway / AI Search, Cloudflare One (WARP), Cloudflare Tunnels, Zero Trust, AWS Lambda, Serverless Framework, Wrangler

Database & Caching: MySQL, PostgreSQL, MongoDB, Redis, DynamoDB

Python: ML / AI, Django, FastAPI, Automation, TensorFlow, PyTorch

MERN Stack: MongoDB, Express, React, Node.js, Next.js

Linux / Bash: Automation, DevOps, Scripting

Version Control & Agile: Git, GitFlow, Scrum, Kanban, JIRA

AI / Agentic Systems: Agents in SDLC, Custom Tooling Harnesses, Antigravity SDK, Domain Specific Languages (DSL), RAG Pipelines, Agentic Frameworks (Supervisor-Worker), LiteLLM, Prompt Engineering, Hallucination Auditing, MCP, LangChain, OpenAI API, Anthropic SDK, AWS Bedrock

AI-Native Development: Cursor, Claude Code, ChatGPT, Vibe Coding, Automated IaC Generation, AI-Assisted CI/CD

AEO / GEO: JSON-LD, Schema.org, Entity Authority, Knowledge Graph Optimization, Structured Data, Generative Engine Optimization

Flutter / Dart: Flutter, Dart, Mobile, Cross-Platform

WORK EXPERIENCE

DataOps & MLOps Engineer | Lead AI Architect · Nimblersoft

Feb 2025 – Present · Quito, Ecuador

Leading solution design and implementation of DataOps/MLOps pipelines, serverless platforms, and agentic systems that support client and internal delivery.

- Integrated Agents into the SDLC and built custom harnesses using various APIs, including the Antigravity SDK, to support delivery-team implementation work.
- Engineered production RAG pipelines and agentic interfaces on Cloudflare Serverless (Workers, D1, R2, Vectorize, AI Gateway, AI Search), with secure customer and internal access via Cloudflare One (WARP) and Tunnels under Zero Trust.
- Automated DataOps/MLOps workflows using GitHub Actions and GitLab Pipelines, orchestrating deployments across AWS (Bedrock, Lambda, EC2, RDS, DynamoDB, S3) for client and internal platform delivery.
- Used MCP workflows to co-author infrastructure decisions and automation with LLMs, keeping humans accountable for customer-facing outcomes.

Senior AI Software Engineer & Agentic Systems Consultant · Independent Developer / Contractor Feb 2025 – Present · Quito, Ecuador

Designing and implementing AI-native solutions and integrations for clients and startups, tying technical delivery to customer outcomes.

- Engineered RAG pipelines and Agentic RAG Interfaces for Pafesting/Velir CMS-migration consultancy, using ground-truth evaluation frameworks to assess LLM response accuracy and hallucination rates.
- Conducted LLM Hallucination Audits for client AI integrations, establishing structured evaluation protocols and flagging schema gaps relevant to answer-engine trustworthiness.
- Implemented Schema.org structured data and JSON-LD markup across multiple client properties to support entity authority and brand discoverability for Generative Engines (AEO/GEO).
- Architected meli.run: Athlete Profile & Blog Platform using React/Next.js, Decap CMS, and GitHub Actions CI/CD with structured data for AI-engine indexability.

Senior Web Developer · REDSpace

Feb 2021 – Feb 2025 · Halifax, Canada

Delivered high-performance full-stack solutions and scalable infrastructure for top-tier global media brands, bridging the gap between frontend excellence and backend robustness.

- bleacherreport.com** – Spearheaded full-stack engineering and analytics data library integration for a 50M+ MAU sports platform, optimizing frontend delivery through E2E-tested features and cross-team coordination on library integrations.
- nypost.com (AdTech)** – Engineered specialized bid-optimization libraries and real-time bidding services, driving the integration, consolidation and optimization of custom and first-party libraries alongside identity-resolution services like LiveRamp, with privacy by design.
- la.sonychannel.com** – Led the architectural migration of legacy Drupal systems to a modern, decoupled full-stack architecture with Schema.org entity optimization.
- Enterprise Integration** – Orchestrated complex full-stack deployments including SSO/Identity platforms (LoginRadius) and serverless backend logic (AWS Lambda) for high-traffic utilities like nspower.ca.

- Delivered full-stack Drupal platforms for government, health, and NGO clients with emphasis on structured data and AI-engine-friendly architecture.
- wsscwater.com – Architected and launched a responsive Drupal platform serving 1M+ users with complex data migration; implemented Schema.org markup improving knowledge-graph entity coverage.
 - lmi.org – Refactored tightly coupled frontend into a decoupled, maintainable architecture, improving page performance and data crawlability for AI engines.
 - hfsa.org – Engineered events content system with JSON-LD structured data, improving event entity discoverability in answer engines.
 - inee.org – Orchestrated multilingual content search via Apache Solr, enabling structured content retrieval across 5 languages.

- Architected and led enterprise platforms for US and LATAM clients, pioneering Knowledge Graph and entity optimization strategies alongside agentic editorial workflows.
- Engineered Agentic RAG Interfaces for content-discovery workflows, integrating AI-assisted editorial pipelines that reduced content production time by 25%.
 - Implemented Schema.org optimization initiatives across 15+ client properties, establishing entity authority frameworks that improved generative engine citation rates.
 - usfq.edu.ec – Orchestrated Digital Marketing web development team; redesigned institutional platform in Drupal with high-availability infrastructure and Schema.org entity graphs for institutional authority.
 - help.blackboard.com – Architected scalable Drupal migration with a semi-autonomous multilingual translation workflow, optimizing structured content for AI-engine indexability across 10+ languages.

EDUCATION		CERTIFICATIONS & LANGUAGES	
Master in Artificial Intelligence	2026 (4.00/4.00 GPA)	Certified Developer	2015
Universidad San Francisco de Quito		Acquia	
Engineering in Systems Engineering and Mathematics	2008 (3.91/4.00 GPA)	Spanish (Native) · English (Advanced) · French (Basic)	
Universidad San Francisco de Quito			

SELECTED PROJECTS	
Quiz Generator	Docker VSCode Server Tunnel
A Svelte-based web application for a Quiz generator, created using Vite [Svelte, Vite]	A dockerized version of VSCode accessible remotely via vscode.dev [Docker, VSCode]