

Alonso Santana

Software Engineer building developer tools and

AI agent systems

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atripp.dev | [GitHub Profile](#)

Relevant Experience

Full-Stack Engineer — Fintech Platform

May 2023 – Jun 2026

- Engineered and optimized an internal management dashboard serving 10,000+ users, integrating automated KYC verification and digital signature workflows to streamline onboarding.
- Owned cloud infrastructure across AWS (EC2, S3, RDS) and automated CI/CD deployment pipelines using GitHub Actions.
- Refactored core Node.js backend services and MySQL query architectures, significantly improving execution performance and data throughput without disrupting production stability.
- Built end-to-end web applications and APIs for financial and user-management systems using Next.js, TypeScript, and Node.js.

Featured Projects

[opencode-usage-total - View on GitHub](#)

TypeScript, OpenCode, TUI, Developer Tools

OpenCode plugin that tracks real-time model metrics, token usage, and session costs directly within the TUI sidebar with cross-restart persistence.

[model-advisor-mcp -View on GitHub](#)

TypeScript, MCP, Node.js, LLM Tooling

MCP server that helps LLMs select optimal AI models for coding agents by cross-referencing OpenCode subscription data with OpenRouter benchmarks.

CodiceAgents

TypeScript, LangGraph, Langfuse, AI Agents

Multi-tenant scheduling platform exploring tool-using AI agents and deterministic workflows, built with LangGraph and Langfuse for agent orchestration and execution tracing.

Technical Skills

- **AI & Developer Tooling:** MCP, LangGraph, Langfuse, LLM tooling, OpenCode
- **Languages:** TypeScript, JavaScript, SQL, HTML, CSS
- **Backend & Frontend:** Node.js, React, Next.js, Express, Astro, Vite, Tailwind CSS
- **Data & Cloud:** PostgreSQL, Supabase, MySQL, AWS (EC2, S3, RDS), Docker
- **DevOps:** GitHub Actions, Linux, Git

Technical Blog & Writing

[CodeHabits Blog \(blog.atripp.dev\)](https://blog.atripp.dev) — Personal technical publication documenting hands-on experiments in software architecture, agentic AI workflows, developer tooling, and CI/CD infrastructure.