

SUMMARY

Rails architect with 15+ years of production Rails and 25+ years building software. Co-founded michelada.io and grew it to 80 people with 75 engineers through its acquisition in 2020. CTO of Aoorora, a core banking platform for Mexican FinTech. Architect of a HIPAA and SOC 2 clinical data platform serving 60+ clinics. Creator of Rails MCP Server (571★). I design, build, ship and operate products end to end, from regulated platforms to my own SaaS products.

SKILLS

Rails backend	Ruby 4.0, Rails 2.x through 8.1, PostgreSQL, SQLite, Redis, Sidekiq, Solid Queue/Cache/Cable, multi-tenancy, audit trails, gems and engines, Minitest
Frontend	Hotwire (Turbo, Stimulus), Tailwind 4, importmap, PWAs, Web Push, component design systems, React and TypeScript where they fit
AI engineering	Agent harness design, MCP servers, RubyLLM, sandboxing and permission models, tool gating, token and cost architecture, Claude Code
Go	Daemons and CLIs (Cobra, Bubble Tea), SSE streaming, durable spools (bbolt), release packaging (Homebrew, .deb, .rpm)
Infrastructure Integrations	AWS, Heroku, Engine Yard, Kamal 2, Docker, Cloudflare (caching, page and WAF rules), GitHub Actions EHR systems, ACH, credit scoring, KYC/AML, Google APIs, WhatsApp; HIPAA, SOC 2, Mexico's Ley Fintech

EXPERIENCE

2023 - now	Maquina · Founder & Principal Architect - Build and maintain open-source Rails and AI tooling used with Claude Code and Cursor: Rails MCP Server, the Nexo agent harness, Recuerd0, Maquina Components and Generators. - Designed, built and run Fragua, Recuerd0, Halua and Liminal as a solo product owner, designer and engineer. - Contract architecture for US and Mexican companies: system design, brownfield assessment, AI integration.
2023 - Jan 2026	Confidential US healthcare group · Rails Architect, Clinical Data Platform Contract · multi-site med spa group · seed to Series A - Designed the architecture and data pipeline from scratch and delivered it to production across 60+ clinic locations. - Built bidirectional integrations with 10 EHR systems, keeping millions of patient records consistent under HIPAA and SOC 2 controls. - Carried the company from seed through Series A without re-architecture, at 50K+ transactions per day. Led 4 Rails engineers.
2021 - 2023	Aoorora · Co-founder & CTO API-first core banking platform for Mexican FinTech - Built lending infrastructure in Rails: single-payment credits, recurring credit cycles and full loan-lifecycle management. - Enforced tenant data isolation and a complete audit trail from day one. Led an 8-person engineering team and integrated 3 lending clients. - The company wound down in 2023 when its funding runway ended, before any client cleared CNBV authorization.

2015 - 2020	michelada.io · Co-founder & CTO Rails consultancy · acquired by Arkus Nexus in 2020 - Scaled the firm from zero to 80 people, leading 75 engineers across 30+ clients including Levi's LATAM and Walmart Labs. - Rescued stalled Rails applications and ran migrations with zero planned downtime; acted as technical co-founder on contract for greenfield products. Selected engagements: Atipica, Principal Engineer (CV ingestion pipeline, Slack/Uber/Thumbtack integrations) · Kueski, Platform Engineer (AML, KYC, compliance reporting) · Billfloat, Backend Engineer (Rails modernization, ACH and ML credit scoring).
2014 - 2015	Gastronaut · Co-founder Curated food delivery in Mexico City. Rails back end for ordering and restaurant dispatch, RubyMotion iOS app. Closed before launch.
2011 - 2014	Crowd Interactive · Software Engineer → Business Development Manager Rails consultancy partnered with Heroku and Engine Yard. Built client applications, then closed accounts including GoPro.
2005 - 2011	Reiter Affiliated Companies · Data Integrator (contract) Integrated SQL Server MRP data and built an HQ data warehouse; in 2008 built a Rails app for data entry across ranches and branches.
1999 - 2005	Panasonic · Special Projects COBOL, JCL, Easytrieve, Java and Visual Basic. Migrated mainframe applications to Oracle ERP for scheduling, capacity, inventory and finance.

EDUCATION

2009	Instituto Tecnológico de Tijuana · Computer Science Engineering (Ingeniería en Sistemas Computacionales)
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PRODUCTS & OPEN SOURCE

Rails MCP Server 571★ · 36 forks MCP server giving AI assistants token-efficient access to Rails codebases.	Fragua fragua.app AI agent orchestrator that turns Rails feature specs into pull requests.
RecuerdO recuerd0.ai Versioned knowledge base that serves project context to AI tools.	Nexo agent harness Sandbox, permissions and run event log on top of RubyLLM.
Halua · Liminal halua.app · getliminal.app Vacation-rental micro-sites; private photo delivery for photographers.	maquina_components 139★ Rails UI component library on ERB, Tailwind 4 and Stimulus.

COMMUNITY

Rails MX organizer · Author of *Aprendiendo Ruby on Rails* (railsenespanol.co) · Talks: From Prompt to MVP, Claude Colima (2026); Programando con AI, Playa SonTec (2025); Building a Modern Rails Application, Ruby Meetup (2024).