FRANCISCO RODRÍGUEZ

Senior Software Engineer | Ruby on Rails Expert

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Summary

Senior Ruby on Rails engineer with 8+ years of experience building and scaling high-impact applications across healthcare, SaaS, and high-volume transactional systems. Proven track record delivering under strict compliance standards (SOC-2, HIPAA), owning full deployment lifecycles, and leading teams with a strong sense of ownership, from architecture decisions to production monitoring.

Experience

Globant - Guadalajara, JAL

Senior Software Engineer (Ruby) • Nov/2025 - May/2026

- Worked on short-term project for a high-volume transactional email platform (confidential client) trusted by thousands of businesses worldwide.
- Designed a provider-agnostic payment gateway abstraction layer, decoupling billing infrastructure with minimal friction and zero downtimes.
- Improved reputation system logic, reducing false positives of legit customers (e.g. Shopify customers) and increasing deliverability accuracy.
- Daily activities including code reviews, documentation for AI agents, RSpec testing, pair programming, and production monitoring via Bugsnag and CloudWatch.

michelada.io - Guadalajara, JAL

Senior Software Engineer (Ruby) • May/2021 - Aug/2025

- Built and maintained a Ruby on Rails healthcare and workforce management platform under SOC-2 and HIPAA compliance, supporting over 8 million health screenings and managing over 90,000 COVID cases during the pandemic.
- Deployed and operated infrastructure across AWS and Heroku, owning the full deployment cycle through to production monitoring. Drove RSpec test design and pair programming practices, improving code reliability and team knowledge sharing.
- Promoted to Technical Lead, taking ownership of application architecture and development to ensure scalability, security, and long-term maintainability.

IXOLAB Software - Pajacuarán, MICH

Ruby on Rails Developer - Jan/2016 to May/2021

- Founded and led a five-person Rails consultancy, mentoring local developers and delivering client solutions across Jalisco and Michoacán.
- Owned full deployment lifecycle across Heroku, AWS EC2, DigitalOcean, and Hatchbox.io
- Delivered multiple client projects across Rails 4.x–6.x leveraging *Devise*, *Pundit*, *Sidekiq*, *Rack::Attack*, *Shrine*, and *Active Storage*, covering the full spectrum of authentication, authorization, background processing, and file management in Ruby on Rails ecosystem.
- Integrated third-party services including AWS SNS, Mailgun, Postmark, and Bugsnag, expanding platform capabilities and improving observability.

Freelance - Guadalajara, JAL

Web Developer • Jan/2009 - Dec/2015

- Started in PHP development with Joomla and WordPress, serving businesses across the Guadalajara area. Adopted CakePHP as a first MVC framework, building a foundation in structured, pattern-driven web development that continues to inform my approach today.
- Transitioned to Ruby on Rails 3.2 in 2013, which has since been my framework of choice for building websites, web applications, and APIs across a diverse range of projects and industries.

Key Achievements

10x Import Performance at Enterprise Scale

After achieving HIPAA and SOC-2 compliance, onboarding enterprise clients exposed a critical bottleneck — importing thousands of employee records caused API timeouts and crashes.

Rewrote the entire import system using optimized Ruby hashes, Linux CLI tooling and efficient SQL, reducing import time from minutes to seconds and protecting high-value business deals in the process.

Easy homework sharing for Mexican schools

With the onset of the COVID-19 pandemic, many parents and students faced difficulties accessing school homework.

In response, I built a Rails 6 product to help 50+ schools and 400+ teachers across Mexico to easily share assignments via simple short links, no user signup, no email required.

Invoicing Automation in no AI era.

Built a Rails financial tool for Mexican accountants in 2014, automating the ingestion and organization of electronic invoices (CFDIs) via Mailgun webhooks and Nokogiri XML parsing — eliminating hours of manual work.

Still running in production today on Rails 7, over a decade later (now enhanced with AI-powered categorization and analysis).

Skills

Ruby • Ruby on Rails • PostgreSQL • Sinatra • RSpec • Redis • Sidekiq • Hotwire • Stimulus • JavaScript
React • Tailwind • PostGIS • Python • Git • AWS • Heroku • CircleCI • App Monitoring / Debugging
Claude Code • Spec Driven Development (SDD) • Open Spec • Specify

Education

Instituto Tecnológico y de Estudios Superiores de Occidente (ITESO) - Guadalajara, JAL

• B.S. Information Technology • 2009 - 2015

Talently - Guadalajara, JAL

• Software Engineer Career Accelerator Program • 2019