

# Angel Mora

Senior Ruby on Rails Developer

✉ [angelmora@gmail.com](mailto:angelmora@gmail.com)

📧 [angelmora.work](mailto:angelmora.work)

🌐 [angelmoradev](#)

🔄 [angel-mora](#)

Software Engineer with 6+ years of professional experience specializing in Ruby on Rails full-stack development. Deep expertise building scalable web applications across SaaS platforms, enterprise systems, and GIS solutions following MVC architecture and object-oriented programming principles. Strong track record in performance optimization, test automation, and agile development. Currently building an AI-augmented content platform with a 15-agent orchestration system on Rails 8.

## PROFESSIONAL EXPERIENCE

### Founder & Rails Developer at Speculative Technologies

Jul 2025 - Present

**[Solopreneur]** Knowledge management and publishing platform that transforms Obsidian vaults into monetizable websites with newsletters, semantic search, and AI-powered content curation. Rails 8 application with a 15-agent AI orchestration system processing 10,000+ documents through a 7-phase content pipeline.

- Architected 15-agent AI orchestration system with 8 on-demand skills using Claude (Opus/Sonnet/Haiku), coordinating autonomous content processing across 7 pipeline phases
- Processed 8,032 bookmarks and 1,762 conversations into structured knowledge base using custom Ruby ETL scripts, reducing content curation time from days to hours
- Designed cost-optimized multi-model LLM strategy combining Claude, Ollama (local Qwen 3 14B), and NanoGPT, reducing AI infrastructure costs by 92% (\$510/mo to \$38/mo)
- Built spec-driven development workflow with agent quality assessment framework (7-dimension scoring) for auditing agent ecosystems
- Implemented mobile-to-VPS autonomous agent workflow via GitHub Actions, enabling AI task execution from Android/Termux

**Stack:** Rails 8, Hotwire, PostgreSQL 16, pgvector, Solid Queue/Cache/Cable, Kama 2, Cloudflare R2, Claude API, Ollama, Quartz 4, Git

### Senior Ruby on Rails Developer at Inktavo (Printavo)

Sep 2024 - Jul 2025

**[Monolith]** Industry-leading SaaS for branded merchandise. Contributed to Printavo, the flagship shop management platform serving thousands of print shops. Implemented features using Rails 6/7 with Hotwire and ViewComponent, maintained multi-provider payment architecture (Stripe, Payrix, PayPal), managed Pundit authorization policies, and led Rails 7 migration within agile SCRUM team.

- Reduced initial page load by 68% (2.5s to 0.8s) and database queries by 74% (47 to 12) by implementing Turbo Frames lazy loading for order dashboard tabs with Pundit authorization preserved in each partial
- Accelerated Rails 7 migration by leading 10 stories across 6 sprints, establishing migration patterns adopted by 8-person team and resolving gem compatibility issues
- Championed code quality by refactoring 100+ files to Rubocop standards across 32+ PRs, configuring Pronto for automated PR linting and haml-lint for template validation
- Managed Flipper feature flag lifecycle (creation, beta rollout, monitoring, cleanup) for billing, receiving, and email domain verification features across production deployments
- Maintained multi-provider payment testing with VCR cassettes for Stripe and debugged Capybara iframe interactions for Payrix embedded payments

**Stack:** Rails 6/7, Hotwire (Turbo, Stimulus), ViewComponent, Pundit, Flipper, Tailwind, HAML, MySQL, PostgreSQL, Redis, Sidekiq, Stripe, Payrix, VCR, Capybara, CircleCI, Heroku, NewRelic

### Senior Ruby on Rails Developer at Info-Tech Research Group

Dec 2021 - Sep 2024

**[Monolith]** Enterprise IT research and advisory company. Contributed across 9 products: SoftwareReviews, Provider Portal (built from scratch), Info-Tech CMS, MyPolicies, Pelican, Feedback, Kestrel, Warthog, and DDR Reports. Focused on performance optimization, CanCanCan/Pundit authorization, paper\_trail audit trails, SAML SSO, and team collaboration through code reviews and technical presentations.

- Eliminated N+1 queries by refactoring core methods using group\_by/index\_by hash lookups and ActiveRecord-import for bulk operations, reducing feature lookups from O(n) to O(1)
- Implemented CanCanCan authorization for offering access control based on license status, writing RSpec tests for abilities across 5 applications
- Stabilized Sidekiq by diagnosing hanging jobs and implementing super\_fetch!, reliable\_scheduler!, transactional\_push! with systemd watchdog monitoring
- Built Pusher WebSocket progress reporting for LargeCategoryCreationJob handling 10,000+ record migrations with comprehensive error handling
- Implemented SAML SSO across 4 applications using Microsoft Entra and Okta, with SCIM group provisioning and role-based access
- Built Provider Portal from scratch using SoftwareReviewsShared ViewComponents and breadcrumbs.js, establishing process standardization and knowledge-sharing across frontend teams
- Resolved MyPolicies Sidekiq multitenancy issues and led a Domain-Driven Design (DDD) refactor for core models to ensure robust data isolation
- Created comprehensive technical documentation, API references, and runbooks, translating complex engineering concepts for non-technical stakeholders and external clients
- Reduced test suite from 45 to 38 minutes by profiling with TestProf/FactoryBot and delivered Bullet gem presentation for team-wide N+1 detection adoption

**Stack:** Rails 5/6, PostgreSQL, MySQL, Redis, Sidekiq, CanCanCan, Pundit, paper\_trail, acts\_as\_tenant, Pusher, Elasticsearch, jQuery, Stimulus, ViewComponent, RSpec, FactoryBot, Capybara, Semaphore CI, GitHub Actions, Heroku, Capistrano, Rollbar

## Senior Ruby on Rails Developer at Aleph

Oct 2021 - Dec 2021

**[Microservices]** Real-time logistics tracking platform for fleet management across Latin America. Joined during migration from Rails monolith to pure Ruby microservices on AWS serverless. Built GraphQL/REST integrations across 7 microservices, automated infrastructure with SAM/CloudFormation, and implemented PostGIS scripts for geographic data.

- Built 5 GraphQL/REST integrations between AWS AppSync, API Gateway, and Lambda using adapter pattern to decouple core logic from transport layer
- Automated infrastructure deployment with SAM templates and CloudFormation across 3 environments with Aurora PostgreSQL Serverless
- Expanded to 2 new markets (Brazil, Colombia) by implementing PostGIS scripts using INEGI sources, QGIS, and Elasticsearch for geojson storage

**Stack:** Ruby, React, AWS (Lambda, AppSync, API Gateway, Aurora PostgreSQL, CloudFormation, SAM, CloudWatch), PostGIS, GraphQL, Elasticsearch, Docker

## Intermediate Rails Developer / Intelligence Analyst at SEPROBAN

Oct 2019 - Sep 2021

**[Monolith + REST API]** Mexico's banking security company serving all major financial institutions. Built the Centro de Inteligencia Bancaria (CIB) - a strategic intelligence center. Developed core Rails application with versioned REST API serving a React-based Kepler.gl mapping frontend, processing ~200K georeferenced crime incidents.

- Saved 120+ hours/month by creating 30+ rake tasks to automate coordinate processing, timestamp normalization, and polygon validation using activerecord-import for bulk insertion
- Built interactive crime maps with Leaflet.js and Kepler.gl (React) visualizing ~200K georeferenced incidents with clustering and choropleth layers
- Centralized intelligence workflows by building Rails monolith that transformed MS Access, DBF, Excel, and CSV data into unified analysis platform with Chartkick reports

**Stack:** Rails, PostgreSQL, PostGIS, JavaScript, Leaflet.js, Kepler.gl (React), Chartkick, ActiveRecord Import, Devise, Docker, Azure DevOps, Heroku

## Freelance Ruby on Rails Developer

2019 - 2021

**Academia de Empresarios (2020-2021):** Led team of 5 developers and 2 designers to create equity crowdfunding MVP. Delivered in ~4 months by designing data model ERD and coordinating 24 SCRUM rituals. Integrated Stripe API for payment processing with webhook callbacks. **Stack:** Rails, PostgreSQL, React, Stripe, Docker, GitHub Actions, AWS S3

**Baos Life (2019-2020):** Led 3 developers to translate Excel requirements into production Rails app. Launched subscription platform in single quarter with Stripe Connect for recurring payments. Dockerized development with ngrok for webhook testing. **Stack:** Rails, PostgreSQL, React, Docker, Stripe Connect, Devise, GitHub Actions

## TECHNICAL SKILLS

### Backend

Rails 5/6/7/8, Hotwire (Turbo, Stimulus), ViewComponent, Sidekiq, GraphQL, Solid Queue/Cache/Cable

### Testing

RSpec, FactoryBot, Capybara, VCR, TestProf, Bullet, SimpleCov

### Frontend

Stimulus, jQuery, React, Turbo Frames/Streams, Tailwind, Bootstrap, HAML

### Auth & Audit

CanCanCan, Pundit, paper\_trail, Flipper, Devise, SAML SSO

### DevOps

Heroku, Docker, KamaL 2, AWS (Lambda, Aurora, S3, CloudFormation), CI/CD (GitHub Actions, CircleCI, Semaphore), Capistrano

### GIS

PostGIS, Leaflet.js, Kepler.gl, QGIS, clustering, choropleth

### Databases

PostgreSQL (pgvector), PostGIS, MySQL, Redis, Elasticsearch

### AI/LLM

Claude API, Ollama, agent orchestration, RAG (pgvector), prompt engineering

### Practices

Agile/SCRUM, MVC, OOP, server-side rendering, spec-driven development

## EDUCATION

### MSc Computer Science & Telecom (Expected 2026)

UTEL | 2025 - Present | GPA: 9.4/10

### BA Philosophy

UNAM | 2014-2017; Graduated 2022 | GPA: 9.58 | Cedula: 13166504

### CompTIA Security+ Prep

edX/ITESM | 2023

### Full Stack Developer

Microverse | 2020-2021 | Rails, React, <4% acceptance

## CERTIFICATIONS

### OWASP Top 10

2023

### Microverse Fullstack Certification

2021

### Kevin Mitnick Security Awareness

KnowBe4 | 2022

### Programa Liderazgos Progresistas

Friedrich Ebert Stiftung | 2018

## LANGUAGES

Spanish (Native) | English (Full Professional) | French (B1)