JEFFERSON BERNAL CARDONA

Senior Ruby on Rails Developer

Medellín, Colombia (EST / UTC-5) · Full US Business Hours
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PROFESSIONAL SUMMARY

Senior Full-Stack Developer with 8+ years building production web applications using Ruby on Rails, React, and TypeScript. Proven track record across fintech, healthtech, and edtech — from multi-tenant financial platforms processing bank transactions to a telemedicine platform serving 12,000+ therapy sessions with a 4.9/5 user rating. Leverages AI-assisted development tools (Claude Code, Cursor, Gemini, Grok) daily to improve code quality and automate repetitive workflows. Combines deep backend engineering with SEO/SEM and N8N workflow automation that drive both technical and business outcomes. Based in Medellín, Colombia (EST-aligned) with professional English fluency and 6+ years collaborating with distributed US and European teams.

TECHNICAL SKILLS

Backend: Ruby on Rails, Ruby, Node.js, Express.js, RESTful APIs, GraphQL, Sidekiq/Sidekiq Pro, Redis, ActionCable
Frontend: React, TypeScript, JavaScript (ES6+), HTML5/CSS3, Stimulus, Hotwire/Turbo, Vue.js
Databases: PostgreSQL, MongoDB, Redis, Elasticsearch
Cloud & DevOps: AWS (EC2, S3, Lambda, CloudWatch), Docker, Heroku, CI/CD (GitHub Actions, CircleCI, TravisCI)
Testing: RSpec, Selenium WebDriver, Capybara, Ferrum, Cypress, Jest, Mocha, TDD/BDD
Automation & Growth: N8N workflow automation, Web Scraping (Selenium, Ferrum), SEO/SEM, Google Analytics/Ads
AI-Assisted Dev: Claude, Claude Code, Cursor, Gemini, Grok, GitHub Copilot, OpenAI API, prompt engineering
Tools & Methods: Git, Jira, Linear, Slack, Agile/Scrum, Code Review, Pair Programming

PROFESSIONAL EXPERIENCE

Software Engineer
Tesote (Fintech SaaS) | Hybrid — Medellín, Colombia   *Jun 2025 – Present*

- Engineered and optimized report generation system, achieving 100% performance improvement by refactoring ActiveRecord queries, implementing Redis caching, and leveraging in-memory data retrieval strategies across a multi-tenant financial platform
- Built scalable Ruby on Rails 7 applications with Hotwire, Turbo, and Stimulus for real-time reactive interfaces, eliminating full-page reloads for banking operations
- Developed automated web scraping pipelines using Selenium WebDriver and Ferrum (headless Chrome) for bank data extraction, transformation, and loading — reducing manual research time by 80%
- Implemented end-to-end test suites using RSpec and Selenium WebDriver across desktop and mobile viewports, ensuring cross-browser compatibility for critical financial workflows
- Managed asynchronous job processing with Sidekiq Pro and Redis across 6 prioritized queues, handling report generation, scraping pipelines, and transaction processing at scale
- Leveraged AI-assisted development tools (Claude Code, Cursor, Gemini, Grok) daily for accelerated feature development, code refactoring, debugging, and automated test generation

Senior Software Engineer
Gathersight (Edtech/SaaS) | Remote — US Company   *Nov 2021 – Jul 2024*

- Led backend architecture for a scientific knowledge platform, building the entire Rails API serving 10,000+ users with React/TypeScript frontend, PostgreSQL, and AWS infrastructure
- Built large-scale data ingestion pipeline from OpenAlex, processing millions of scientific articles and author records with optimized batch processing and Sidekiq job orchestration
- Implemented advanced search using PostgreSQL pg_trgm similarity algorithms, ranking by relevance, date, and user relationships — reducing query response time by 35%; integrated OpenAI API for AI-assisted question generation
- Optimized ActiveRecord queries and eliminated N+1 bottlenecks across 12+ endpoints, improving application response time by 45%; achieved 90%+ test coverage reducing production bugs by 40% quarter-over-quarter
- Maintained 99.5%+ uptime with AWS CloudWatch monitoring; integrated 8+ third-party APIs including payment gateways, Twilio, and analytics platforms
- Collaborated daily with US and European engineering teams via Slack and Linear; integrated AI-assisted workflows using Claude Code and Cursor for code generation, debugging, and AI-powered code review

Lead Full-Stack Developer
Tranquilamente (Healthtech) | Remote   *Sep 2017 – Dec 2022*

- Architected and scaled a production telemedicine platform from zero to 12,000+ completed therapy sessions, 50+ psychologists, and a 4.9/5 user rating — evolving from Rails 5 to 7.1 over 1,011+ commits across 63 database tables
- Built a custom 50+ component React/TypeScript video consultation app with Twilio SDK — screen sharing, dominant speaker detection, adaptive bandwidth, network quality monitoring, in-call chat, and 24 custom hooks
- Designed dual payment processing (Epayco COP + PayPal USD) with Factory pattern, handling $50,000+ in transactions with zero incidents; built appointment engine with state machines, Google Calendar sync, and 23+ Sidekiq jobs
- Engineered 22 mailer classes powering 8 automated campaign types (nurture sequences, re-engagement, payment recovery); designed N8N workflows for reminders and follow-ups, eliminating 10+ hours/week of manual outreach
- Implemented SEO/SEM strategies (JSON-LD schema, specialty landing pages, Google Ads — $9,915 spend → $16,854 revenue, 70% ROI), increasing organic traffic by 60%; leveraged AI tools to cut MVP iteration cycles in half

EDUCATION

Bachelor's in Electronic Engineering
Universidad de Antioquia — Medellín, Colombia

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- Docker Mastery with Kubernetes & Swarm
- SEO & SEM Specialization
- Google Digital Marketing Certification
- XRP Ledger Blockchain Development
- Full-Stack Web Development — Make IT Real Intensive Bootcamp

LANGUAGES

Spanish: Native
English: Professional fluency (C1/C2) — 6+ years conducting daily standups, code reviews, sprint planning, and technical discussions in English with US and European teams

REMOTE WORK & AVAILABILITY

- Timezone: EST (UTC-5) — same as New York, Miami, Atlanta | Hours: 9 AM – 6 PM ET, flexible for PST overlap
- Internet: 300 Mbps fiber + mobile backup | Available for immediate start
- Open to relocation with visa sponsorship