

Jean Perez

Summary

Professional Ruby on Rails full stack engineer with over 14 years of experience. Comfortable with both backend and frontend, capable of leading development, software design, and architectural efforts.

Skills

- Programming Languages: Ruby, Javascript
- Frameworks and Libraries: Rails, Hotwire, React, Ember.js
- Build Tools: Bundler, Webpack, Vite
- ORMs: Active Records
- Testing Tools: RSpec, Capybara, Selenium, Cucumber, Jest
- Continuous Integration: CircleCI, TeamCity, Jenkins
- DevOps: AWS, Docker, Heroku
- Databases: MySQL, Postgres, Redis
- Other: Git, JIRA, Sidekiq Pro, Bash

Experience

2021-Present **Senior Software Engineer - Discourse**

- Led customer-driven projects, collaborating directly with clients, including multiple Fortune 500 companies.
- Delivered tailored solutions ranging from small improvements to large-scale implementations.
- Developed robust and reliable code using Rails and Ember.js, ensuring maintainability and performance.
- Built a customer-facing intranet from scratch using Hotwire, empowering clients to self-serve and manage workflows without relying on support.
- Acted as primary contact for customer communications, translating client requirements into actionable tasks.

- Collaborated closely with cross-functional teams to meet project deadlines and ensure successful project outcomes.
- Debugged and resolved complex production issues, improving overall system reliability.

2020-2021 **Integrations Team Lead - Daasity**, DTC insights simplified

- Lead a team of rails engineers to architect new integrations for the platform as per customer requests. Maintained good communication with the project manager to help organize tasks for our SCRUM workflow.
- Involved in the creation of data extractions using an ETL pattern. These extractions are responsible for pulling millions of records daily. They include extractions for Salesforce, Shopify, Pinterest, Rockerbox, Gorgias, BackInStock, Amazon seller central, Google Analytics 360 among others
- Helped refactor and standardize some of the custom integration gems used for extracting data, among the changes we developed warehouse tools for Snowflake and Redshift, increasing reusability across all company integrations.
- Created a gem to ease out weekly DevOps tasks for our sidekiq workflows and batches.
- Helped monitor and troubleshoot DevOps issues on a weekly basis.
- Created a module to dynamically load custom reports to GA 360.
- Helped migrate clients from legacy V1 systems to V2, leveraging Stimulus to modernize frontend interactions while preserving familiar workflows.
- Helped create a Docker-based workflow to use custom images on Heroku.

2019-2020 **Senior Engineer - Admios**

- **BSPK - Luxury brands CRM:**
 - Helped semi-senior team members implement several features in a more efficient and elegant manner.
 - Refactored major components including the chat module using action cable and some integrations for whatsapp, Twilio and WeChat
 - Made several improvements in the AWS infrastructure by introducing containers and enhancing security along the way by using encrypted S3 buckets for customer sensitive data.
- **Hagerty - automotive insurance company:**

- Helped monitor and fix issues on events where thousands of users were live streaming race results on the RaceHero app.
 - Developed an importer tool to migrate over 10 million records from another company into RaceHero. The data model for these records was quite different from RH. Used advanced SQL / active record queries to achieve bulk processing with parallelization.
 - Created a set of REST API endpoints for the "results center", the app the associate company uses to manipulate said imported data.
 - Migrated the database from Heroku to AWS RDS (Postgres) and Docker.
 - Addressed numerous mission-critical production issues on the Android, iOS, and Rails / React apps.
 - Implemented rack attack to block unwanted IPs or any suspicious activity on the site as well as limiting the public API usage.
 - Involved in the planning and introduction of the monetization strategy made for the RaceHero app, including user profiles, payments, live timing paywalls and more.
- **Business Talent Group - High-End Independent Talent on Demand:**
 - Applied refactoring techniques and design patterns to several legacy components in order to improve their quality and lifespan.
 - Contributed to the health and integrity of the product by writing specs in RSpec and Capybara.
 - Added new features requested by POs on-demand
 - Fixed many bugs reported weekly by the product's user-base, and the Sentry monitoring tool.
 - Used SCRUM methodology and JIRA for story tracking.

2017-2019 **Senior Software Engineer - Number8**

- **CareerBuilder - Job Search Platform**
 - Helped migrate the international consumer platform that was initially written on .NET to Ruby on Rails.
 - Improved the codebase by refactoring and maintaining a bold suite of tests. The platform in its current state is robust enough to serve over six countries with thousands of users signing up every day. It has been designed for scalability, using tools like AWS, Redis, Sidekiq, and Elasticsearch.

- Implemented a GUI tool for managing translations, as we had product owners from Sweden and Greece, this was an essential component to the dev cycle.

2016-2017 **Senior Rails Developer - Flyer.io** (Flyer Inc)

- Recreated several legacy components using React and Redux, instead of vanilla Javascript; this implied the creation of an API to handle all REST communications. Also, the PDF generation tool was vastly improved both in performance and style.
- Used Docker for deployment and Postgres as our primary database in addition to RoR and React.

2015-2016 **Developer and Project Lead - Totem Team, Inc**

- Lead in the development of a mobile web app which purpose was to improve the relationship between employees within the organization that paid for
- the service.
- Analyzed the requirements of several HR groups from some well known Montreal-based companies and developed on both the backend (Rails) and the frontend (AngularJS).

2012-2015 **Head of Technology and Co-Founder - Decktra, C.A.**

- Provided tech options according to the needs of each client, made the company grow significantly.
- Assisted in consulting work and several custom applications. Technologies used included RoR, Javascript, C#, Java, among others.

2010-2011 **Software Developer - Supranet, C.A.**

- Created apps and websites for several customers as a Java software developer.