

Fernando Perales

SENIOR SOFTWARE ENGINEER

Profile

Fernando is committed to delivering high-quality code and helping clients to scale their business and accrues over 10 years of experience working with a vast variety of companies and startups.

Employment History

Interim Team Lead, thoughtbot

DECEMBER 2023 – PRESENT

In addition to my duties as Senior Developer, I am in charge of guiding and motivating a team of three Senior Developers by setting clear objectives and fostering a positive and collaborative work environment.

Senior Ruby on Rails Developer, thoughtbot

AUGUST 2022 – NOVEMBER 2023

Part of the Support and Maintenance team, where we provide companies with part-time support dedicated to improving their existing Ruby on Rails applications long-term.

Ruby on Rails Developer, thoughtbot

OCTOBER 2021 – AUGUST 2022

Insurance system

Implemented critical features for a reinsurance company involving all the insurance life cycle from Claims to Policies

Senior Software Engineer, michelada.io, Guadalajara, MX

JUNE 2017 – SEPTEMBER 2021

Vintage Clothing Retailer Store

Migrated some of their apps from Joyent to Azure with the smallest amount of downtime.

Financial Identity as a Service Platform

Led the Back-end team in charge of a customer support API in a Ruby gem that mounts into the main application app and can be customized depending on the needs of each client.

Lending as a Service Platform

Worked on a PoC to use Kubernetes as the main platform for CI/CD with Gitlab. I used GKE for this project to reduce costs and Kubernetes to allow the client the flexibility of having a Heroku-like workflow for a fraction of the price (review apps, custom pipelines, automatic and manual deployment to specific environments, deployment rollbacks, etc.)

Medicine Prescription Online Service

Led the migration from Heroku to AWS by automating deployments and provisioning of the current platform, created the infrastructure for a new single-page application and implemented some methodologies, processes and tools such credential management, secrets encryption and database anonymization to comply with H.I.P.A.A. requirements.

Details

Guadalajara

Mexico

me@ferperales.net

Links

[Webpage](#)

[GitHub](#)

[LinkedIn](#)

Professional Skills

Ruby/Ruby on Rails

Object-Oriented System Design

Performance optimization

Code Refactoring

Unit Testing

Mentoring

UNIX-based system
administration

PostgreSQL

HTML5/CSS3

JavaScript

React / Redux

Languages

Spanish

English

LMS SaaS platform

In charge of the Back-end implementation of one of the most promising features of the platform: Video Practice. This feature will enhance the learning experiencing by allowing students to present assessments by recording their own submissions and allowing them to practice, share and learn from other students.

Additional responsibilities in the company

- Led two generations of the company's trainee program
- Technical editor at sipsandbits.com
- Imparted internal training for QAs (Ruby for SDETs) and DevOps (Rails application provisioning with Ansible)
- Defined and implement technical interview process
- Perform 1:1 sessions with five engineers to define and accomplish their professional goals inside the company

Software Engineer, FreeAgent Software CRM, Guadalajara, MX

NOVEMBER 2016 – APRIL 2017

Built and launched MVP. Feature development, refactoring and implementation of unit testing in the main codebase.

Stack used: Angular 2, Go, Cassandra, gRPC, GraphQL, Protocol Buffers, Kubernetes, Google Cloud

Senior Software Engineer / Senior Consultant, Magmalabs, Colima, MX

SEPTEMBER 2015 – OCTOBER 2016

As Senior Software Engineer, I worked on implementing features, defining the architecture for new projects, participating in project estimations, and acting as technical lead for several projects.

Additionally, as Senior Consultant, I was in charge of the professional growth of five engineers. My main responsibility was helping the team to define and accomplish their professional goals inside the company

Software Engineer, Crowd Interactive, Colima, MX

FEBRUARY 2013 – SEPTEMBER 2015

First six months I spent 100% of the time learning about web development with Ruby on Rails. I'm so grateful for this opportunity.

Once I completed my training, I participated in several projects creating small features and fixings bugs. I eventually started to take more responsibilities in the projects I participated: code reviews, architectural choices, performance optimizations, etc.

Education

B. Sc. Computer Engineering, Universidad de Guadalajara

JANUARY 2008 – DECEMBER 2012

Community Involvement

RailsBridge Mexican Chapter

JUNE 2014 – PRESENT

RailsBridge workshops are a free and fun way to get started or level up with Rails, Ruby, and other web technologies. Our events focus on increasing diversity in tech, so that people of all backgrounds can feel welcome and comfortable in our industry.