

# Fernando Perales

SOFTWARE ENGINEER

## Profile

Fernando is a Software Engineer who has worked for over eight years as developer and consultant for a vast variety of companies and startups, mainly from the United States. He is compromised with delivering high-quality code and helping clients to scale their business. He enjoys helping other fellow engineers grow by mentoring and being an active member of the local communities where he imparts workshops and conferences about the topics he is passionate about.

## Employment History

### Senior Software Engineer, michelada.io, Guadalajara, MX

JUNE 2017 – PRESENT

#### 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.

#### 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

## Details

Guadalajara  
Mexico  
+52 1 3310885718  
[me@ferperales.net](mailto:me@ferperales.net)

## Links

[Webpage](#)

[GitHub](#)

[LinkedIn](#)

## Professional Skills

Ruby/Ruby on Rails

Object-Oriented System Design

Code Refactoring

Unit Testing

UNIX-based system administration

HTML5/CSS3

JavaScript

React / Redux

## Languages

Spanish

English

## **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 fixing 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.