

Carlos A. Ramos K.

Senior Software Developer

I am a computer scientist with experience in development and agile practices. I have been working with Ruby on Rails for about 10+ years and is my framework of choice. Fell in love with the Ruby way of doing things and its syntax but recently open-minded with functional programming and Elixir. I am obsessed to write code elegant and tested, also I am a big fan of DDD as my choice when needed architect decisions.

I'm looking for projects with challenging problems like real-time geo-localization, data processing/ingestion, streaming using event sourcing, refactoring and performance of legacy code.

SKILLS

Platforms

Linux MacOS

Technologies

Ruby Elixir NodeJS Ember.js Angular Ruby on Rails

Phoenix GraphQL TDD DDD

Databases

PostgresQL Mysql

Others

RabbitMQ Rspec jQuery CSS JSON:API PostGIS

Gen-Server OTP Typescript

Soft Skills

Management, Mentoring, Continuous learning.

WORK EXPERIENCE

Zenlabs
CTO, Senior developer, Freelancer

La Paz, Bolivia
(Sept 2011 – Current)

Lead a team of developers working on small and medium startups.

During this time I took part in the following projects:

Printfor.me Printing services on the cloud, I develop integration with Dropbox, Google Docs, add the functionality of real-time, export to PDF, accounting and creation of tests.

MYeCFO social network for investments, I lead a team working on creating a social network, create and maintain the test suite.

Framinco Processing and upload images with geolocalization, upgrade to the latest versions of ruby, rails, design/implementation of API's for Mobile clients, Performance and deploy on heroku.

Novelo Big facebook app for Ecommerce, Test with Rspec, Facebook API, JQuery, Heroku.

Nuki Point of Sale app, Team Lead, design/implementation of API's, a single page app, Backbone, Offline, Transactional, Test with Rspec, Jasmine.

Doolebrate Project management/ Time tracker, Upgrade versions of Ruby and Rails, Continuous Integration with CircleCI, Heroku integration and enhance of the test suite.

Technologies: Ruby 1.8, ruby 2.x, Rspec, Capybara, Pusher.io, Ruby on Rails, Backbone.js

Expedition.ws
Full Stack Developer

Remote, La Paz, Bolivia
(Dec 2016 - Dec 2018)

Built and coding with the founder a social network about traveling, focused on interactions as chat-rooms, geolocalization, videos, places suggestions.

Full-stack developer, developed an API's using Elixir, web sockets, social network features, geolocalization, media processing with phoenix/OTP through JSON:API endpoints, integration to Ember.js, Progressive web app (PWA) webworker's.

Technologies: Elixir, Ember.js, Json:API, Websockets, TDD.

Mojix
Senior Developer

La Paz, Bolivia
(May 2015 Feb 2016)

IoT Company,

During this time I took part in the following projects:

- **Pinc Solutions (May 2015 Feb 2016).**
 - Worked in a Big Warehouse management System, for income/outcome of assets and orchestration using micro-services.
 - Refactoring and improving legacy code.
 - Transition to use Event Sourcing through persisted Websockets.
 - Upgrade versions of ruby, rails.
 - Design and implement API's as Micro-services.

- Add file uploads to Amazon S3 storage.
- Improve the Rspec test suite and performance.

Technologies: Ruby, Rails, PostgreSQL, Redis, Rspec.

TeraCode
Software Developer

Buenos Aires, Argentina
(Sep 2009 - May 2010)

A big software factory, that makes solutions using the latest technology.

Blueleaf

As I part of outsourcing team I developed features of the first version of financial startup, Did integrations with third parties services using JSON, XML-RPC, SOAP, integration to Yodlee, Rspec tests using TDD in a highly growing up startup

Technologies: Ruby, Rails, haml, Rspec.

Freelancing
Software Developer

La Paz, Bolivia
(2006-2009)

Work with Ruby on Rails to develop CasasMap.com a Real state startup idea and also develop a lot of websites with RoR.

Development of an online class booking system, the system generates student payment receipts, reports of classes and accounting reports.

EDUCATION

2012 - 2007

Computer Science
Engineer

Universidad Mayor de San
Andres

LANGUAGES

Spanish: Native

English:
Upper-Intermediate

HOBBIES

photography

draw