

Carlos A. Ramos K.

Senior Software Developer / Tech leader

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SKILLS

Technologies

Ruby	Elixir	React.js	Ember.js	PostgreSQL	Ruby on Rails
Phoenix	MySQL				

Others

RabbitMQ	Rspec	jQuery	CSS	JSON:API	PostGIS
Gen-Server	OTP	Typescript	TDD	DDD	

Soft Skills

Management, Mentoring, Continuous learning.

WORK EXPERIENCE

Kopiustech.com, Kopius INC Sr. Ruby Backend Developer

Remote, La Paz, Bolivia
(May 2022 - current)

Performance optimization, memory usage, enhanced tooling, add new features and updates of a large monolithic financial dashboard with few microservices.

Work with legacy code to enable fast JSON API endpoints for Mobile app clients. In-app messaging and SMS, and in-app/native calls using Twilio and smart search of resources. Performance optimization, memory usage, enhanced tooling, and updates of extensive financial dashboard. Work with legacy code to enable fast JSON API endpoints for Mobile app clients. In-app messaging and SMS, and in-app/native calls using Twilio and smart search of resources.

Skills: Twilio · Amazon S3 · Financial Reporting · Elasticsearch · Ruby · RSpec WebRTC

EMR-Bear, LLC Senior Software Developer

Remote, La Paz, Bolivia
(May 2020 - May 2022)

Work in a built-in-house EMR Systems Electronic Medical Record, turning to a SaaS service.

Develop and re-design the telehealth product to make appointments remotely from doctors to patients during the pandemic, and work on legacy code to add new features and enhance response time, stability, and security.

Tech Stack: Ruby, Ruby on Rails, Rspec, MariaDB, jQuery, React.js, Docker, WebRTC, Twilio.

Zenlabs
CTO, Senior developer, Freelancer

La Paz, Bolivia
(Sept 2011 – Current)

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

Technologies: Ruby, Rspec, Capybara, Pusher.io, Ruby on Rails, Backbone.js

Expedition.ws
Full-Stack Developer

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

Built the MVP and growing of a social network about traveling, focused on direct streaming of tourist interactions as chat, geo-localization, videos, places, recommendations, and virtual tours.

Full-stack developer has 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 legacy warehouse management system with IoT features to income/outcome of assets.

- Refactoring of legacy code with an incremental implementation of DDD.
- The transition of a slow monitor of resources to a real-time centric "Event Sourcing" approach, growing the acceptance and decisions of users.
- Design and implementation of interoperability of API's as Microservices.
- Improve reports and dashboards.
- Improve the test suite and general 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 the outsourcing team I develop features of the first version MVP of Blueleaf, Built requirements and tested with Rspec/TDD, made integrations with third parties services using JSON, XML-RPC, SOAP, in a highly growing startup.

Technologies: Ruby, Rails, haml, Rspec.

Freelancing
Software Developer

La Paz, Bolivia
(2006-2009)

Own consultancy, as an entrepreneur I worked 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
Andrés

LANGUAGES

Spanish: Native

English: Upper-Intermediate

HOBBIES

photography

draw