

Carlos Ramos

Senior Software Developer / Tech Leader

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Analytical software engineer with extensive experience solving business problems for clients as a Lead/Backend or Fullstack developer. Taking ownership of the project, crafting innovative solutions from start to finish, and veteran of debloating, scaling, and speeding up legacy projects.

SKILLS

Technologies					
Ruby	Elixir	React.js	Ember.js	Phoenix	Ruby on Rails
Others					
RabbitMQ	Rspec	jQuery	CSS	JSON:API	PostGIS
Gen-Server	OTP	Typescript	TDD	DDD	Linux/macOS
PostgreSQL	Mysql	Microservices	Docker	Web RTC	
Soft Skills					

Management, Mentoring, Ownership, Continuous learning.

WORK EXPERIENCE

Kopiustech.com, Kopius INC.
Sr. Ruby Backend Developer

Remote, La Paz, Bolivia
(May 2022 - Dic 2023)

An enormous legacy monolithic financial ERP & CRM for large organizations.

- Analyze and refactor slowness requests without breaking the continuity of business.
- Debloated memory consumption for Travis/production servers and improved reports storage usage, saving 50k annual costs.
- Owned the new mobile backend API, with real-time messaging, and in-app/native mobile calls, delivering a solid mobile app to 1k users.

Skills: Twilio · Amazon S3 · Financial Reporting · Elasticsearch · Ruby · RSpec · Sidekiq · WebRTC · PostgreSQL · TravisCI.

EMR-Bear, LLC.
Senior Software Developer

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

Legacy built-in-house EMR System(Electronic Medical Record), turning to a SaaS service.

- Deliver a telehealth video call feature during the COVID pandemic, helping thousands of people.
- Worked on legacy code to add new features, set up CI/CD and test coverage from none to 50%, and increased app security.

Skills: Ruby on Rails · Amazon S3 · Rspec · MariaDB · jQuery · React.js · Docker · WebRTC · Twilio · GitHub actions.

Zenlabs.
CTO, Senior developer, Freelancer

La Paz, Bolivia
(Sept 2011 – Current)

CTO, Team Leader, and Sr. developer, I led all aspects, seeing growth and strategy for small and medium Latin American startups with a team of developers to bring high-quality software.

Skills: Ruby on Rails · Mysql · PostgreSQL · Rspec-Capybara · Web Sockets · Pusher.io · JSON · Mobile · AWS.

Expedition.ws
Full-Stack Developer

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

Social network of travelers focused on streaming interactions such as chat, geo-localization, videos, places, recommendations, and virtual tours.

Full-stack developer, develop APIs using Elixir, web sockets, social network features, geolocalization, multimedia processing with phoenix/OTP, integration to Ember.js, Progressive web app (PWA), and webworkers.

Skills: Elixir · Ember.js · PostgreSQL · OTP · Websockets · Mobile · TDD.

Mojix.
Senior Developer

La Paz, Bolivia
(May 2015 Feb 2016)

PINC YMS Extensive legacy warehouse management system with IoT features for income/outcome of assets.

- Transitioning from static monitoring of assets to a real-time-centric "Event Sourcing" for 50k connected assets.
- Design and implementation of interoperability of API's as Microservices.
- Improve performance of reports and dashboards, test suite, CI/CD.

Skills: Ruby on Rails · PostgreSQL · Redis · Rspec · CircleCI · Amazon S3 · Amazon SQS

TeraCode.
Software Developer

Buenos Aires, Argentina
(Sep 2009 - May 2010)

Blueleaf

As part of the outsourcing team, delivered features for MVP of Blueleaf, Built requirements and tested with Rspec/TDD, and made integrations with third-party services using JSON, XML-RPC, and SOAP in a highly growing startup.

Skills: Ruby on Rails · Haml · Rspec · Mysql

EDUCATION

2012 - 2007 **Bachelor of Computer Science** **Universidad Mayor de San Andrés**

HOBBIES

photography

drawing

stable diffusion