Carlos A. Ramos K.

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, with 15 years of work experience, Taking ownership of the project, crafting innovative solutions from start to finish, and caring about the quality of the work done. A great collaborator with a continuous learning mindset and a commitment to excellence.

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.   **Remote, La Paz, Bolivia**
Sr. Ruby Backend Developer   **(May 2022 - current)**

An enormous legacy monolithic financial ERP & CRM for an enterprise organization.

Optimizations: decreased by 5x all searches with legacy behavior, by 1.5x the memory consumption, and speed-up by 2x reporting system. Mobile: Owned the new API JSON for mobile, In-app SMS messaging, in-app/mobile calls using Twilio API, push notifications, and exposing the CRM system to mobile API.

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

EMR-Bear, LLC.   **Remote, La Paz, Bolivia**
Senior Software Developer   **(May 2020 - May 2022)**

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

Re-design the telehealth video-call center to make medical appointments remotely between doctors and patients during the pandemic, work on legacy code to add new features, set up CI/CD and test coverage from none to 50%, and increase app security.

> **Skills:** Ruby on Rails · 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 for 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 Extensive legacy warehouse management system with IoT features for income/outcome of assets.

- Refactoring legacy code with an incremental implementation of DDD, focusing on fast responses to users.
- Work on transitioning slow monitoring of resources to a real-time-centric "Event Sourcing" approach.
- Design and implementation of interoperability of API's as Microservices.
- Improve reports and dashboards.
- Improve the test suite and general performance.

Skills: Ruby on Rails · PostgreSQL · Redis · Rspec · CircleCI · AWS · AWS SQS

TeraCode.
Software Developer

Buenos Aires, Argentina
(Sep 2009 - May 2010)

Blueleaf

As part of the outsourcing team, I developed features of the first version 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

Freelancing
Software Developer

La Paz, Bolivia
(2006-2009)

As an entrepreneur, I worked with Ruby on Rails to develop a Real estate startup idea.

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

Skills: Ruby · Rails · Mysql

EDUCATION

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

LANGUAGES

Spanish: Native   **English:** Upper-Intermediate

HOBBIES

photography   drawing   stable diffusion