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

Performance optimization, memory debloat, background processing, security upgrades, and bug fixes in a large legacy monolithic financial ERP & CRM.

Working with legacy code adds new features for mobile app clients. In-app messaging and SMS, Push notifications, in-app/native calls using Twilio, and enhanced the existing CRM system.

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

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

Work in a built-in-house EMR System (Electronic Medical Record) and help to turn to a SaaS service.

Develop and re-design the telehealth video-call center 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, continuous integration, and security.

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

Zenlabs.   **La Paz, Bolivia**
CTO, Senior developer, Freelancer   **(Sept 2011 – Current)**

CTO, Team Leader, and Sr. developer for small and medium startups working with a team of developers to bring high-quality software.

    Technologies: Ruby on Rails, Rspec, Capybara, Pusher.io, JSON, Mobile.

Expedition.ws   **Remote, La Paz, Bolivia**
Full-Stack Developer   **(Dec 2016 - Dec 2018)**

Built a social network for travelers, focused on streaming interactions such as chat, geo-localization, videos, places, recommendations, and virtual tours.

As a 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.

    Technologies: Elixir, Ember.js, OTP, Websockets, Mobile, TDD.

Mojix.   **La Paz, Bolivia**
Senior Developer   **(May 2015 Feb 2016)**

Worked in a big legacy warehouse management system with IoT features for 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, CircleCI.

TeraCode.   **Buenos Aires, Argentina**
Software Developer   **(Sep 2009 - May 2010)**

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

    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.

    Technologies: Ruby, Rails, haml, Rspec.

Freelancing   **La Paz, Bolivia**
Software Developer   **(2006-2009)**

Own consultancy, As an entrepreneur I worked with Ruby on Rails to develop CasasMap.com a Real State startup idea, and also developed 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