

# Carlos A. Ramos K.

## Senior Software Developer / Tech leader

La Paz, Bolivia | [carakan@gmail.com](mailto:carakan@gmail.com) | +591 75215526 | <https://carakan.net/>

### 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, added 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, in-app/native mobile calls using Twilio, and smart search of resources. Performance optimization, memory usage, enhanced tooling, and updates of large financial dashboard.

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

Full-stack developer has developed an APIs 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) webworkers.

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

**Mojix**  
**Senior Developer**

**La Paz, Bolivia**  
**(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 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**  
**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 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