

# Luis Cerda, Software Engineer - [LinkedIn](#)

+56 9 82684232 · [github.com/Luis-F-Cerda-P](https://github.com/Luis-F-Cerda-P) · [luis.f.cerda.p@gmail.com](mailto:luis.f.cerda.p@gmail.com) · Santiago, Chile

## Summary

Results-driven Software Engineer with years of professional experience designing and building cloud-native, backend-heavy systems. Strong background in Ruby/Rails, Node.js, and React, with hands-on experience delivering event-driven architectures, RESTful APIs, third-party API integrations, background processing, and scalable SaaS platforms in production. Proven ability to collaborate with cross-functional, remote teams and deliver reliable systems handling thousands of real-world transactions with a strong focus on maintainability, testing, and CI/CD.

## Experience

### Intermedia Tech, Empist LLC Software Engineer

Montevideo / Chicago (Fully Remote)  
October 2025 - December 2025

- Backend development on a cloud-native Rails 8 API rewrite, modernizing a legacy monolith into a more modular, maintainable architecture aligned with current Rails and OOP best practices ([deskware.com](#))
- Designed and implemented asynchronous, event-driven workflows for scheduling and notifications using PostgreSQL, Sidekiq, Redis, and background job orchestration
- Built idempotent RESTful endpoints following JSON:API specifications to support complex domain operations with nested data and file attachments
- Contributed to the design and testing strategy of an AI-powered microservice, defining service boundaries, test infrastructure, and deployment-ready architecture

### Petporium Chile Developer

Santiago, Chile (Hybrid)  
August 2023 - September 2025

- Architected and delivered a distributed, event-driven inventory management platform using a React SPA and Ruby on Rails backend, replacing legacy systems and improving operational reliability by ~85%
- Designed real-time data synchronization mechanisms using WebSockets and background processing to ensure consistency across multiple external marketplaces and services
- Implemented fault-tolerant API integrations with external marketplaces (MercadoLibre, Ripley, Falabella), handling authentication, rate limits, data parsing, and evolving response formats across multiple endpoints
- Operated and maintained a production cloud-native system, handling thousands of transactions per year with CI/CD pipelines, automated testing, and continuous deployment

## Relevant Projects and Freelancing Work: 2020 - Present

- **[Pollyto](#)**: Social betting pool platform for major events (FIFA World Cup 2026, Academy Awards), featuring real-time predictions with configurable per-pool scoring rules, live leaderboards, and automated tournament data import via FIFA API integration. Includes passwordless OTP authentication, Turbo-powered live updates, and a companion Chrome extension for real-time score relay. Stack: Ruby on Rails 8, Hotwire, Tailwind CSS, SQLite, Docker, Kamal.
- **LoDemás**: Web app for full inventory and e-commerce management with real-time sync across major Chilean marketplaces (MercadoLibre, Ripley, Falabella) via API integrations, automated issuance of e-tax documents (AWS S3, Cognito, Signing v4), and advanced multi-warehouse stock control with smart restock alerts. Stack: Ruby on Rails, React.js, SQLite, Docker, Kamal2. Team size: 1

## Education

### Digital House

#### [Certified Tech Developer course](#)

August 2023 - April 2025

Focused on Full Stack Development on a Java-based stack, including Spring Boot, Hibernate, and RESTful API design. *Globant* and *Mercadolibre* sponsored a 100% scholarship.

### Desafío Latam Academy

#### [Digital Entrepreneurship with Ruby On Rails course](#)

January 2022 - July 2022

Comprehensive Full Stack Development course with Rails, covering front-end development with React and back-end development with Ruby on Rails and PostgreSQL. Full scholarship granted by Talento Digital para Chile.

### Universidad Central de Venezuela

Degree: Law, Undergraduate. 2012-2017

## Skills

- **Languages**: [English \(Proficient - C2, certified by English First\)](#), Spanish (Native)
- **Backend & APIs**: Ruby, Rails, Node.js, Java, Spring Boot, JSON:API specification, RESTful API design, Third-party API integration
- **Datastores**: PostgreSQL, MySQL, SQLite3, Redis, Database design and optimization
- **DevOps**: Docker, Kamal2, AWS (S3, Cognito), GitHub Actions, GitLab Pipelines, Linux
- **Frontend**: React.js, HTML5, CSS3, JavaScript, Responsive Design, UI/UX principles, SPA Architecture
- **Testing**: Minitest, RSpec, Mocha, JUnit, Jest, React-testing-library, Selenium, TDD methodology
- **Collaboration**: Git, Linear, JIRA, Trello, Agile (Scrum, Kanban)