Imanol Álvarez Pérez

Senior Ruby on Rails Developer

♥ Ruby on Rails lover ♥

Rails Tech Lead | Application modernisation | Software architecture | AI-assisted development

Contact

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LinkedIn
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Bilbao, Spain

14+ years
with Ruby on Rails

5+ years
in banking

Rails 2 to 8
across my career

Languages

Spanish
Native

English
Intermediate

Education

Higher vocational diploma in IT Systems Administration
Centro de Formación Somorrostro, 2008–2010

Computer Engineering
First year, University of the Basque Country, 2007–2008

Profile

I have been building with Ruby on Rails since 2012. I have been a partner in a software company, part of the Hobo framework support team and a trainer of other programmers and, since 2021, worked on a large banking application for RSI, first as architect and team lead and now on its migration to Rails 8. I like to understand each problem completely, from the analysis to the server, and I am passionate about what I do.

Experience

Software architect and senior Ruby on Rails analyst programmer

knowmad mood (RSI) 2025–present

- Planning and carrying out the Rails 5 to Rails 8 migration of a large banking application.
- Renewing the architecture, technology stack and background processing.
- Interface and performance improvements tied to the new version.
- Project management: functional analysis, stories and tasks in Jira, and client deliverables.
- Mentoring junior developers and writing technical documentation on installations and systems.

Senior Ruby on Rails Developer and, from 2023, software architect and team lead

Dominion Global (RSI) 2021–2025

- Technical ownership of the evolution of a large Ruby on Rails banking application.
- Designed and delivered numerous enhancements, from requirements analysis to production deployment.
- Improved stability, performance and internal processes by finding bugs and bottlenecks.
- Led a team of 4: planning, timing, code review and change approval.
- Proposed productivity improvements for the team.

Ruby on Rails developer

OpenSistemas 2019

- Developed custom Ruby on Rails plugins for EasyRedmine.
- Full migration of the solution from MySQL to PostgreSQL.
- Bug fixing and product improvement.

Technologies

Development

Ruby on Rails · Ruby · Hotwire · Stimulus · Action Cable · Hobo · Spree · Redmine · JavaScript · HTML · CSS · Sass · Haml · Slim · PHP · Bash

Artificial intelligence

Claude Code · AI agents · Gemini API

Integrations

REST APIs · SOAP · OAuth2 · JWT · LDAP · Web Push · Instagram · Spotify · YouTube

Quality

TDD · RSpec · Minitest · Capybara · Playwright · Git

Data

PostgreSQL · MySQL · IBM DB2 · SQLite · Redis · Resque · Solid Queue

Systems

Linux · Ubuntu Server · Zentyal · Windows Server · Nginx · Apache · Puma · Passenger · Capistrano · systemd · Let's Encrypt · Icecast

Networks and security

Domain controller · DNS · DHCP · Samba · NFS · CUPS · OpenVPN · SSH · iptables · GnuPG

Management

Scrum · Jira · functional analysis · team management

Ruby on Rails developer

Coditramuntana 2018–2019

- Analysed client needs and built custom Ruby on Rails applications.
- Test-driven development with RSpec, Haml, Sass, Git and MySQL, PostgreSQL and SQLite databases.
- Installed and developed Redmine plugins.

Ruby on Rails analyst programmer

Entelgy Ibai 2018

- Implemented and configured Redmine, designing internal workflows.
- Installed and developed Ruby on Rails plugins.

Freelance Ruby on Rails developer

APSOFT (Advanced Programming Software) 2015–2018

- Custom internal management system for Tecniflex, a Chilean industrial printing company: work orders, production processes, materials, inventory and barcodes.
- Remote development, maintenance and support. The system is still in use today.
- Other occasional work signed as APSOFT.

Ruby on Rails analyst programmer

Entelgy Ibai (Lanbide) 2015–2017

- Needs analysis and design of a Lanbide department's organisation and workflows on Redmine: tasks, issues and internal communication.
- Ruby on Rails solutions and custom Redmine plugins.
- Designed the syllabus and delivered multi-day training to Lanbide staff, clients and colleagues.
- Projects with QlikView, big data and IoT (Intel Edison).

Partner and Ruby on Rails developer

UnoyCero C.B. 2011–2015

- Support team for HoboCentral, the home of Hobo, a framework on top of Ruby on Rails sponsored by Barquin International (USA).
- Contributions to the framework, its documentation and its extensions.
- Consulting, custom development and systems administration with free software for clients across sectors.
- Moved Saturno, management software for funeral homes, now Amenti, to the web.
- Sígname, the winning project at HackForGood Bilbao.
- Ruby on Rails and Hobo courses at the University of Deusto.
- Worked with Scrum, automated testing and Git.

Systems and ICT technician

Fundación de Trabajadores (FTSI) 2010–2011

- Sole person responsible for the organisation's technology for 9 months.
- Deployed a Zentyal Linux server as domain controller, with shared files and user permissions.
- Managed networks, telephony and video surveillance, and improved telephone and internet contracts.
- Built the foundation website and an internal management application, and taught Windows and Office.

Recognition

2013

Winner of HackForGood Bilbao

First edition of the hackathon. With Sígname, a tool that adapts web content to sign language for deaf people. Cátedras Telefónica prize.

Read the article

Open source

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community projects with contributions, issues or proposals

Hobo · Redmine · Spree · Blazer · Logstash · Publify · Rails Performance · AnyLogin · Health Monitor

Network and systems administration intern

Giroa-Veolia 2010

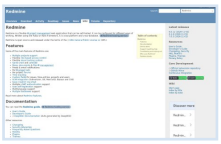
- Administered a network of more than 300 users and provided technical support during a 3-month internship.

Applications



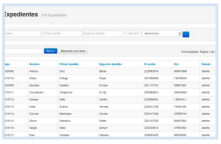
Hobo

Open source framework for building applications on Ruby on Rails, sponsored by Barquin International (USA). At UnoyCero we were the HoboCentral support team and contributed to the framework and its documentation.



Redmine

Over 4 years implementing, adapting and extending Redmine: internal management for a Lanbide department, custom plugins, migrating EasyRedmine to PostgreSQL, training and accepted improvements to community plugins.



Amenti

Management software for funeral homes. Moved the Saturno application to the web, with over a thousand online trials.

Sígname

Tool that lets deaf people request a sign language interpretation of a website's content. Winning project at HackForGood Bilbao.

Other projects at UnoyCero: Islandia Car, Libera tu bici and Certificado Energético Bilbao.

Teaching profile

Technical training for programmers, clients and teams, at university and in companies, with my own syllabus. Currently a mentor to the junior developers joining the team.

Mentor at RSI From 2021
Mentoring junior developers and writing technical documentation on installations and systems.

Training at Entelgy Ibai 2015–2017
Designed the syllabus and delivered multi-day training on Redmine, Ruby on Rails and plugin development for Lanbide staff, clients and colleagues.

Courses at the University of Deusto With UnoyCero
Several Ruby on Rails and Hobo courses open to anyone interested in web programming.

Classes at FTSI 2010–2011
Windows and Office classes for older people.