

# Romer Ramos

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## Key Achievements

### 🏆 MyPotential (AI EdTech)

Applied AI to solve real-world challenges in the education sector, focusing on practical implementation and measurable impact for schools and students.

### ⚡ Lowfoot (Energy)

Architected and maintain core REST APIs services across the product suite. Deployed on an EKS Kubernetes cluster, handling millions of daily data points for thousands of users.

### 📁 aurorajobs (Education)

Built and scaled a Ruby on Rails product from zero to 20K+ users, maintaining a continuous shipping cycle to production over 5+ years.

### 🎓 Academia Hack (Education)

Founded and directed a coding bootcamp that trained hundreds of developers, achieving a 60%+ job placement rate in the tech industry.

### </> 4Geeks (Dev Community)

Managed engineering teams across three different cities, standardizing tech stacks and unifying work methodologies to improve cross-regional efficiency.

# Founding Product Engineer

<https://linkedin.com/in/romerramos>

📍 Madrid

<https://romerramos.me>

<https://github.com/romerramos>

## Summary

Product-minded Full-Stack Engineer with 15 years of experience building, scaling, and leading web products. Over a decade of production experience across: Ruby, Javascript, Python, and Java, paired with modern frontends: Hotwire, Vue, Svelte, React, and robust cloud infrastructure: Kubernetes, Docker, AWS, Kamal, CI/CD.

I combine a founder's mentality with deep technical execution: from launching a successful coding bootcamp to deploying an AI-powered EdTech platform. I place a strong emphasis on team culture, quality, and engineering best practices.

I specialize in owning features across any part of the stack, architecting pragmatic solutions, and building the developer ecosystems that help small, async-first teams ship reliably and fast.

## Experience

### Senior Full-Stack Engineer & Technical Lead

May 2019 - Present

#### Lowfoot Inc - energy analytics platform for utilities

Architected and maintain core platform services: internal API abstracting Databricks access (**Python**), embeddable data-visualization service, transactional notification service (email/SMS), authentication with **Keycloak**, and fine-grained authorization with **OpenFGA**.

Maintain the full deployment pipeline — **Kubernetes**, CI/CD, GitFlow, peer code review, and **DevContainer** environments that cut onboarding time for new engineers. Technical lead for web applications using **SvelteKit**: architecture decisions, code review standards, and mentoring across a distributed team spanning Canada, LATAM, and Europe.

Introduced agile practices that moved the team from ad-hoc releases to continuous deployment.

**Stack:** SvelteKit (Typescript), TailwindCSS, MySQL (Drizzle), Keycloak, OpenFGA, Kubernetes.

### Founder & Senior Full-Stack Engineer

Sep 2025 - Present

#### MyPotential - AI-powered career discovery platform for high school students

Built the full product using **Ruby on Rails**: psychology test engine (Holland RIASEC, Big Five), curated catalog of Spanish universities and vocational programs, and a **RAG** pipeline that generates personalized career orientation reports for high school students.

Active demos with multiple Madrid schools — real counselors and students using the platform in classroom settings. GDPRcompliant privacy-by-design architecture (no student PII stored).

**Stack:** Ruby on Rails, Hotwire/Turbo/Stimulus, TailwindCSS, OpenAI API, Qdrant, SQLite, Docker, Kamal deploys

### Founder & CTO

Feb 2020 - Apr 2025

#### aurorajobs - recruitment platform for university students

Built and scaled a **Ruby on Rails** product from zero to 20K+ users across multiple funding rounds: student profiles, skills assessment, job posts, matching engine, application flows, and analytics dashboards for university career centers. Designed and operated the full production infrastructure (**Kubernetes**, CI/CD, monitoring) through 5+ years of continuous shipping and multiple product iterations. Developed a lightweight methodology for a tight 4-person team (PO/designer, 2 developers, me on engineering) a pairing-and-review rhythm that took features from idea to production in weeks.

**Stack:** Ruby on Rails, Stimulus, TailwindCSS, MySQL, Redis, Sidekiq, Kubernetes

## Languages

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Spanish - Native  
English - Full Professional

## Education

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Computer Science  
Universidad Central de Venezuela  
2004 - 2011

## Skills

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Engineer/Architect mindset  
Fullstack Developer  
DevOps experience  
Agile Manifesto practitioner  
*Servant leader*  
Entrepreneur

## Experience

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**Founder, CEO & CTO** Oct 2014 - Feb 2020

### **Academia Hack** - coding bootcamp

Founded and led a coding bootcamp that trained hundreds of developers (60%+ hired into the tech industry). Designed curriculum (**Ruby on Rails + React**) and led the mentor team. Created development teams for american and european companies with mentors and students, standardized engineering on **Ruby on Rails** (Trailblazer), BDD with **Cucumber/Capybara**, automated coverage via GitLab CI + CodeClimate, and mandatory peer review on every merge request.

**Stack:** Ruby on Rails, MySQL, Javascript, React, Capistrano.

**CTO & Project Lead** 2013 - 2015

### **4Geeks** - developers community

Organized engineering teams in three cities and standardized DevOps, CI/CD across .NET, Django, Laravel, Express, and Wordpress projects.

**Stack:** Puppet, Vagrant, Gitlab.

**Software Developer** 2011 - 2013

### **SPH Consultores** - development consulting firm

Developer of a reporting service that supported the merge of two banks: Corp Banca <> BOD. Developer of sports mobile applications in **Blackberry** and **Android** using the **Java** SDK for both platforms, development of RESTful APIs.

**Stack:** Java, Blackberry SDK, Android SDK, PHP, MySQL

**Software Developer** 2009 - 2011

### **Desindsoft** - development consulting firm

Windows CE and embedded software for access-control hardware, and quality-control systems (C++, Java, SQL Server).

**Stack:** C++, Java, SQL Server

## Hobby, side-projects, opensourced tools

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I created internal tools to make my work easy and some of them are open source.

**MakerTracker** Since 2024

Since VMware Tanzu announced that it was shutting down Pivotal Tracker on Apr 2025 I started to work on my own version of PivotalTracker taking the parts that liked (that I haven't found in any other management app) and adding new ones that I always wanted. Maker Tracker is being used in Lowfoot, MyPotential, MakerTracker itself and any future side project.

**Stack:** Ruby on Rails, Hotwire/Turbo/Stimulus, SQLite, Kamal deploys.

**ElementaryWatson** Since 2025

<https://github.com/romerramos/elementary-watson>

A VS Code extension that displays inline translation values for i18n method calls in JavaScript, TypeScript, and Svelte applications. Supports inlang project structure and Paraglide JS, making it easier to see what text will be displayed without leaving your editor. This extension is used in all my SvelteKit apps that need i18n, and since it's published both in the vscode marketplace and the VSX it has more than 1,3K downloads and has an active fork.

**Stack:** Javascript, VSCode.

**DWUI** Since 2025

<https://github.com/romerramos/dwui>

Born out of a need for a no-fuss container management tool, and to learn Go. DWUI is a simple web interface for Docker that gives a "Docker Desktop" like experience but on a webserver. It's designed to be a good companion for deployment tools like Kamal

**Stack:** Go.