

Julio Antequera Galiano - Senior+ Software Engineer

julio.antequera.galiano@gmail.com | +34 635 951 143 | julitrows.gitlab.io | [LinkedIn](#) | [GitHub](#) | Spanish (native), English (C1) | Sevilla, Spain

Summary

With 15+ years of experience specializing in high-scalability systems and Ruby on Rails architecture, I focus on system architecture, database performance, Developer Experience, and guiding platform evolution from startup roots to enterprise-grade environments. My core technical background spans modular monolith evolution, high-throughput API design, and performance tuning across relational and search databases.

Moving beyond foundational backend development, I've driven Platform Engineering and DevXP initiatives, including left-shift security practices and optimization of automated CI/CD pipelines. As a technical leader, I balance hands-on architectural stewardship and cross-functional alignment with continuous team mentorship to build resilient, secure, and developer-friendly ecosystems.

Skills

- **Architecture & Backend:** Gang of Four patterns, API Design (GraphQL, OpenAPI), Relational Databases (PostgreSQL, MySQL), Search Engines (OpenSearch), Caching (Redis), Ruby on Rails, Ruby.
- **Platform & DevOps:** CI/CD (CircleCI, GitHub Actions), Containerization (Docker), AWS, Observability & Monitoring (Datadog, Sentry)
- **Leadership & Governance:** SDLC Optimization, Technical Mentorship, Backlog Governance, Agile Practices & Delivery.

Experience

Principal Engineer - RubiconMD

November 2016 - May 2026 | New York, US - Remote from Seville, Spain

RubiconMD connects primary care providers with medical specialists to democratize expertise.

Led backend engineering and platform architecture over a 9+ year tenure, reporting directly to the VP of Engineering as Individual Contributor. As an engineer in a scrum team, and later in the Platform Team, I contributed to the guidance of the core product from startup roots to its full integration into Oak Street Health and CVS Health ecosystems. Architected critical platform systems, established core engineering practices, and drove platform evolution.

Platform Architecture & Systems Modernization:

- Co-founded and led the Platform Engineering initiative, bridging Application Engineering, Infrastructure, and Data Science teams.
- Designed and executed application-level architecture changes to support zero-downtime infrastructure migrations into CVS Health.
- Ensured platform resilience, high availability, and continuous compliance with strict HIPAA and HITRUST standards.

Developer Experience (DX) & SDLC Optimization:

- Modernized CI/CD pipelines (CircleCI/GitHub Actions) and core dependencies, frictionlessly accelerating daily developer workflows.
- Automated security and compliance reporting, saving hundreds of hours of manual audit preparation ahead of enterprise integration.
- Established a centralized, transparent technical backlog to eliminate hidden work and align Product and Engineering priorities.

Technical Leadership & Team Mentorship:

- Mentored backend engineers and introduced constructive code review standards, raising overall code quality and technical maturity.
- Cultivated an open architecture culture, empowering engineers across teams to own high-impact platform initiatives.
- Managed cross-regional collaboration, ensuring technical and cultural alignment between US and European engineering hubs.

Stack:

- **Core Architecture:** Ruby on Rails, GraphQL API, REST APIs, SPA Frontend (Angular), React Native
- **Data & Storage:** PostgreSQL, OpenSearch, Redis
- **DevOps & Cloud:** AWS, Docker, CircleCI, GitHub Actions
- **Compliance & Security:** HIPAA, HITRUST, OWASP

Full Stack Ruby on Rails developer - CookiesHQ

January 2014 - July 2016 | Bristol (UK) - Remote from Seville (Spain)

CookiesHQ was a web agency for which I worked on projects of different nature (startup MVPs, bespoke CRMs) in every stage of maturity (greenfield, maintenance, legacy) in direct contact with clients, and as well as technical writer for the company blog.

This was my first remote position for an abroad company, and was the only remote worker for the company at the time.

Key Projects & Client Deliverables:

- **E-Commerce & Digital Goods:** Good Sixty, Cardnest, Patternbank
- **Healthcare & Mobility Services:** My Gap Medics, Delivery Folk, Pulsenotes
- **Custom SaaS & Platforms:** Digestive, TORF, Visible People, Warwire

Technical Writing:

- Published 31 technical articles on the company blog (Ruby on Rails, MongoDB, frontend, testing, remote work), two of them featured in Ruby Weekly:
[full list](#)

Technologies:

- **Backend:** Ruby On Rails
- **Frontend:** Backbone.js, Bootstrap
- **Databases:** PostgreSQL, MongoDB

Freelance Full Stack Ruby on Rails developer

June 2013 - May 2014 | Seville (Spain) - Hybrid

Adding functionalities and maintaining already existing **Ruby on Rails** projects, develop new projects from scratch, as well as application servers maintenance and managements.

Key Clients & Project Deliverables:

- **Salumedia:** Maintenance and development of Healthcare survey systems and medical informative services
- **Redradix:** Maintenance of the administrative platform for **Occidental Hotels**
- **Emergya:** Ruby on Rails applications maintenance
- **Informage Studios:** Ruby on Rails applications maintenance

Full Stack Ruby on Rails Developer - Wombytes

November 2011 - April 2013 | Seville (Spain) - On site

Adding functionalities and maintaining already existing projects in **Ruby on Rails**, develop new projects from scratch, as well as server maintenance and management, and application deployments.

Key Projects & Client Deliverables:

- **E-Commerce:** Hummel Spain B2B Platform, Tienda RFAF, Yspoon
- **Custom SaaS & Platforms:** CrowdSlides

Additional Experience

- **Embedded Systems C++ Developer** - AERTEC October 2010 - November 2011
- **Embedded Systems C++ Developer** - University of Seville's Robotics Vision and Control Group May 2009 - October 2010
- **Web Developer** - Inix Consultores July 2008 - November 2008

Education

MsC in Computer Science & Software Engineering (Ingeniería Informática Plan 97)

September 2002 - September 2009 | **University of Seville** (Spain)

Five year-long BsC degree later officially upgraded to a MsC per the EHEA Bologna Process.

Final Thesis: Ubuntu-based Linux Distribution intended for children, "Guadalinux Infantil".

Memberships:

- **US FLOSS Users Group**
- **IEEE Student Branch**

Projects

- **Injectable Ruby Gem** - Open sourced an internal dependency injection library - Actively maintained since 2018

Public Speaking & Writing

- **Los Lunes Agiles** - Three talks ([grouped slides](#)) about agile methodologies in the real world - Universidad de Sevilla - 2013
- Sometimes I write about technology in my [blog](#)

Community, Mentorship & Open Source

- **Chiquito de la Calzada Plugin** - **Faker Gem** - February 2020
- **Open Source Contributions** - Other contributions for OSS projects used in the daily job: bug reports, reproduction projects, PRs for fixes, etc.
- **Volunteer Helpdesk assistant** - **Rails Girls Summer of Code** - June to July 2016