Pablo Rivero Pulido

Bachelor's in Software Engineering, Universidad Rey Juan Carlos (2015)
Madrid • ES/EN/FR • +34 659 27 85 23 • priverop.github.io
linkedin.com/in/priverop • github.com/priverop • pabloriveropulido@gmail.com

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*Senior Software Engineer with 10+ years of experience, with the last 5+ years building production **Ruby** applications (**Rails** & Sinatra). Experienced in designing APIs, microservices, and evolving monoliths. Proficient in **AWS**, Terraform, Docker, and CI/CD.*

Strong focus on clean code, design best practices (SOLID, KISS, YAGNI), automated testing, system reliability, and secure development practices. Proactive and product-oriented engineer with strong ownership and communication skills.

PROFESSIONAL EXPERIENCE

Astara - SaaS platform for automotive ecommerce solutions　　　　　　**Hybrid - Madrid, Spain**
Senior Full Stack Developer　　　　　　　　　　　　　　　　　　　　　　*Sept 2022 – April 2024*

- Designed and implemented a **Ruby on Rails** API from scratch, including multi-database sharding on **PostgreSQL**, and **CI/CD** pipelines with Github Actions for AWS.
- Reduced CI/CD execution time by more than 50% by parallelizing test suites and database migrations.
- Built a **Sidekiq**-based migration system to safely transfer validated data from a legacy monolith.
- Implemented data validation and normalization layers for third-party providers, including fuzzy matching strategies using PostgreSQL to ensure data consistency.
- Raised team code quality by promoting clean architecture principles, integrating linting, Swagger validation in CI. Increasing automated test coverage (+10%).
- Led the infrastructure team (mentored 3 engineers), coordinated external security audits, implemented serverless services. Implemented a multi-region API on **AWS** using **Terraform**, addressing cross-region latency and scaling challenges with Redis-based caching strategies.

SmyGroup - Multiple companies of a Dental business group　　　　　**Hybrid - Madrid, Spain**
Tech Lead / Senior Full Stack Developer　　　　　　　　　　　　　　　*May 2019 – Sept 2022*

- Led the architecture and development of a treatment management platform (**Ruby/Sinatra, MySQL, AWS**).
- Implemented CI/CD, automated testing, and structured deployments with Gitlab CI/CD and **AWS**.
- Acted as technical lead across multiple business units within a 6-company dental group (Spain & US), serving as main software reference for architecture, integrations, and vendor coordination.
- Contributed to a HIPAA-compliant SaaS platform (ASP.NET/Azure), optimizing cloud infrastructure and reducing costs by 80%.
- Hired and mentored a junior developer to full production ownership; implemented Scrum for a 4-person team.

PERSONAL PROJECTS

- TomTom API Coding Challenge: **Rails 8 API** integrating TomTom Maps for business (POI) search. 100% RSpec coverage, Docker. github.com/priverop/tomtom-api-coding-challenge
- Trainline Scraper Coding Challenge: **Ruby 3** web scraper with Nokogiri for traveling data. 100% Rspec test coverage. github.com/priverop/trainline-scraper
- Cinemapi: **Rails 8 API** for cinema data. WIP. Docker. github.com/priverop/cinemapi