



Santi Márquez

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TECH & METHODOLOGIES

PHP (Symfony & Laravel), REST, OA, PHPUnit (unit and integration testing), Gatsby, Composer, Docker, RabbitMQ, Redis, Solr, Jenkins, Bitbucket pipelines, Jira, Github (Git), Rancher, Scrum, Kanban, Node.js, VueJS

LANGUAGES

- Spanish (native)
- Galego (native)
- English C1

EDUCATION

Higher National Diploma in Cross-Platform Application Development

CCNA Security Certification

Higher National Diploma in Computer Systems Administration

Senior Backend Engineer with extensive experience in API architecture, scalable system design, and coordination of critical deployment processes. I act as a technical reference within the team, leading key modernisation initiatives, establishing standards, and supporting the growth of other developers. Proactive, autonomous, and fully accustomed to 100% remote environments, I bring technical vision, leadership capabilities, and a strong sense of ownership.

EXPERIENCE

Senior Backend Engineer — InterNations GmbH Global Expat community with +5M users (Remote · 3,5 years)

Technical Leadership & Architecture

- Led the migration of some areas of a monolithic system to a SPA model, designing and refactoring core endpoints for the platform's Activity Group workflows.
- Redesigned the Activities/Events architecture using a Strategy-based approach, improving extensibility, maintainability, and domain clarity.
- Defined and rolled out a new platform-wide validation standard, moving from FosRest to Symfony Validator.
- Architected backend flows and data structures for the Notification Center, including hydration strategies, response modelling, and async auto-deletion systems.

Backend Development

- Designed, implemented, and tested stateless REST endpoints in PHP 8 for critical features (activities, events, SEO pages, group requests).
- Built unit, integration and acceptance tests, reducing regressions and increasing reliability.
- Served as principal backend reviewer, ensuring quality and strong design standards.
- Hands-on work with queues, async processing, caching, and performance optimisation.

Deployment & Release Management

- Primary owner of deployment go/no-go decisions, managing risks alongside the CTO.
- Coordinated deployment owners and ensured all phases followed internal standards.
- Defined and maintained formal deployment procedures for consistent, auditable releases.
- Led high-risk releases, aligning with Operations and providing first-line support during incidents.

Leadership & Team Support

- Mentored new developers and managed their technical onboarding.
- Technical lead for key initiatives such as the Gatsby SEO migration, Expat Insider, and Magazine.
- Facilitated retros, sprint planning, and reviews when the Team Lead was unavailable.
- Provided continuous support on technical design, unblockings, and architectural decisions.

Software Analyst & Senior Backend Engineer — Enterticket Leading ticketing platform in Spain (Remote · 1 year)

Technical Analysis & Project Management

Led partner/client communication in Chile and the US, translated business needs into technical specs, and prioritised them into Jira sprints for predictable delivery.

Backend Development

Built new features and improvements for enterticket.es using PHP 7 in a Docker-based environment, following a modern Git workflow with CI/CD on Bitbucket.

Infrastructure & Cloud Operations

Improved platform reliability and scalability across an AWS stack including RDS Aurora, EC2, ELB, and WAF.

Fullstack Engineer — GtMotive Global provider of automotive software solutions (Hybrid · 6 years)

Project Ownership & Automation

Led the Colossus project to automate manual workflows within the Data Acquisition team, analysing operational needs and defining software/hardware requirements to increase efficiency.

Needs Assessment & Roadmapping

Identified bottlenecks, evaluated existing tools, and created a strategic roadmap focused on high-impact improvements and cost savings.

Technical Scoping

Defined technical requirements, estimated development effort, and proposed scalable technologies aligned with business needs.

Development

Built the platform using Laravel + Bootstrap, designed the database with MySQL Workbench, integrated with Oracle systems, and managed version control with Git.

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PROJECTS

AlertaCoches.es

Secondhand Vehicle Ads Aggregator (Remote · 5 years)

Technical Leadership & Product Management

- Define and manage the product roadmap, prioritizing features and bug fixes for maximum impact with minimal effort. Lead a team of 4 (1 infrastructure, 1 developer, 1 marketing, 1 sales), coordinating tasks, sprints, epics, and the legal management of the project via Jira.
- Mentor and responsible for onboarding, code reviews, unblockings, and technical guidance across the full stack.

Backend Development & Integrations

- Developed the platform using Laravel + MySQL for the CMS and Node.js (Express + Sequelize) for critical APIs.
- Integrated with Carfax for vehicle report generation and Cloudflare for image storage and optimization.
- Used MongoDB for unstructured ad data storage, processing 3M ads per day.
- Implemented RabbitMQ queues for data processing and email delivery, and caching for frequently requested listings and filters.
- Used Airflow to orchestrate data pipelines, and Matomo + Metabase for analytics tracking and reporting.
- Owner of backend stability, performance, and scalability, including asynchronous processes and optimization improvements.

DevOps & Infrastructure

- Responsible for 6 Hetzner VPS, managed with Docker and orchestrated via Rancher.
- Implemented CI/CD pipelines in Bitbucket, automating deployments and ensuring reliable release processes.

Impact & Metrics

- Platform hosts 11M total ads, with 750K active, reaching 38K monthly unique users and generating 1,100 new registrations per month.
- Ensure high availability, security, and performance of a critical system for vehicle ad management and search.