

# 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.