

# Marc Egea i Sala

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I'm a developer: I reason, communicate, test, debug, design, fight with computers and code to solve problems. I'm especially interested in the intersection between dev and ops and ways to continually improve the development experience.

## TECHNICAL SKILLS

**Languages:** Javascript/Typescript, Perl, Ruby, HTML, CSS.

**Technologies:** MySQL, Postgres, MongoDB, Public Cloud (AWS/Azure/GCP), CDK, Docker, Kubernetes, Git, Jenkins, GitLab CI/CD, Elasticsearch, Rails, Vue.js.

**Other:** Domain Driven Design, Continuous Integration, Refactoring, Observability, Deployment Strategies, Authentication (OIDC), SaaS.

## WORK EXPERIENCE

### PlumRiver Technologies - Senior Software Developer

Since Sep 2020

Barcelona, Spain (remote with US)

Our platform, Elastic Suite, is a B2B platform for brands and retailers. We're not a pure SaaS company and we do a lot of customization for our clients.

A critical part of my role is to identify the pain points that are constraining our growth and address them. Some of them are purely technological (adding tests, profiling database queries, etc.) and others are more related to the way we work (can we deploy more often? Can we reduce the blast radius of something failing? Can we have better tools to do our jobs?).

Another important part has been to navigate an old and intricate codebase (mainly a Rails monolith) to make the changes required without disruption.

### CAPSiDE - Tech Lead

Mar 2017 - Aug 2020

Barcelona, Spain

We built applications that allowed ourselves and our customers to provision and deploy apps in cloud and Kubernetes environments. Our main product enabled our users to perform red/green and canary deployments. I was the main responsible for the technical decisions of the Cloud Squad, balancing the technical debt and the feature roadmap.

Also, I led the efforts to improve the development experience. We implemented CI pipelines (using Jenkins first, now GitLab), fully dockerized our environments, reduced our deployment time and the number of defects, and created an observability dashboard for our apps.

### Zoopla Property Group - Backend developer

Aug 2016 - Dec 2016

London, UK

As part of the Consumer team, I worked on adding functionalities to all ZPG high-traffic sites while continuously refactoring existing code and adding new tests to transition from a monolithic architecture to a microservice-based one.

**Overleaf - Fullstack Developer**  
London, UK

**Sep 2015 - Jul 2016**

Overleaf is a collaborative writing/publishing platform. The duties of my role included maintaining and developing new features for apps and APIs: the main web page (Rails), the web editor (Vanilla JS first, then React), a LaTeX render server or an in-house Git Bridge.

**Soysuper.com - Fullstack Developer**  
Barcelona, Spain

**Apr 2013 - Aug 2015**

Soysuper is a meta-supermarket and a price scraping platform. I was the main developer of the Insights project (metrics and alerts platform for customers) and responsible for designing, building, testing and maintaining all the pieces of their infrastructure. I was also involved in planning and prioritizing the iterations and new features of this and other projects.

**Opentrends - Tech Lead**  
Barcelona, Spain

**Dec 2012 - Apr 2013**

Led some projects from their inception to delivery. This involved a shift in my role and being more focused on the planning and a bit less on the execution.

**Opentrends - Software Developer**  
Barcelona, Spain

**Oct 2009 - Dec 2012**

As a Software Developer, I contributed to multiple projects, most of them involving dynamic languages (Ruby, Perl or PHP) or designing infrastructures.

**Opentrends - System Admin**  
Barcelona, Spain

**Oct 2008 - Dec 2012**

The systems department was in charge of the IT and responsible to maintain all the in-house servers and services (virtualization, email, source code repositories, tracking apps). I worked on all the steps of the department: from junior sysadmin to tech lead.

**Deister Software - Junior Software Developer**  
Barcelona, Spain

**Jun 2007 - Apr 2008**

As a junior developer, I contributed to the company's proprietary web desktop, developing add-ons (mainly on the charts library) and modernizing components (transition from tables to CSS and implementing AJAX calls).

## INTERESTS

I'm an active member of the Barcelona Perl Mongers group, with whom we organize an annual conference to celebrate our friends and keep learning ones from another (<https://friends.barcelona.pm>).

It's a bit of a cliché, but I do enjoy learning about development and computation in general.

Reading relaxes me, fiction and nonfiction. In a different world I would have been a theatre set or costume builder.