

Alejandro García Seco

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Summary

I'm a software engineer with 10+ years of experience with an emphasis on backend systems and JVM languages.

In my professional journey I have learned that abstract thinking, isolating responsibilities along with proper risk management and prioritisation are essential engineering skills to design and implement software that is maintainable and scales.

I might not be the smartest guy of the class, but my motivation, dedication, perseverance and passion for crafting software has allowed me to overcome every challenge I have come across :)

These are some relevant soft & technical skills that I have:

- Highly empathetic, open minded and easy going individual
- Strong sense of ownership and value delivery oriented
- Experience mentoring and guiding peers
- Pragmatic and simple approach to solve problems
- Eager to learn new stuff and fast learner
- Proficient on various programming languages (Java, JavaScript/Node.js, Groovy)
- Broad experience in business domain modeling and software design
- Test-driven approach to software development
- Experience in thread safe & concurrent software
- Practical knowledge of functional and reactive programming
- REST & SOAP API design
- Experience in building scalable and observable distributed/micro-services architectures
- Familiar with modern front end technologies such as React and Vue.js

Professional experience

Senior Software Engineer at Marfeel | Barcelona, Spain | Jun 2020 - Present (~1y)

At Marfeel I'm part of one of the core platform teams where I'm shipping performant, reliable and maintainable software that scales, moving as fast as possible without compromising the mentioned non-functional requirements.

In my first months I have been helping to evolve and refactor a product that serves 1B sessions per month, a massive monolith that is being progressively refactored into a microservices architecture.

In the last months I have been mainly contributing to the construction of the backend services for a new product that will revolutionize the way publishers get insights from their content. It's a highly observable and heterogeneous system where a non-blocking programming model is being used for high throughput.

Caravelo | Barcelona, Spain | Jun 2014 - Jun 2020 (6y)

Technical Lead | Jan 2020 - Jun 2020

Senior Software Engineer | Jun 2014 - Jan 2020

At Caravelo I found challenges of various kinds that meant a considerable leap in the improvement of my skills. In short, I contributed to:

- Design and implement various systems and product lines, either autonomously or along with other colleagues - multi-tenancy, long-term maintainability and scalability is always a requirement
- Hiring new team members
- Guiding and mentoring peers as well as onboarding new hires

Relevant projects I leaded and contributed to:

- Automated revenue optimization system that helps airlines to control and reduce costs of inventory spillage and spoilage, based on business rules
- Platform of virtual agents (chatbots) that provides various servicing and retailing features for the travel industry
- Internal headless CMS to manage and distribute content across Caravelo's services ecosystem

Software Developer at Irish Manufacturing Research | Dublin, Ireland | Jun 2012 - Jun 2014 (2y)

Design, implementation and benchmarking of the Workplace Knowledge System, a software solution to help engineers in capturing and managing tacit knowledge on the factory floor. MVP with proven success after carrying out several pilots.

DMF Senior (Analyst Programmer) at Everis | Seville, Spain | May 2011 - Jun 2012 (~1y)

Development of web apps and portals for public administrations mainly on Java EE. Analysis, specs definition as well mentoring and assisting a team of 2/3 fellow developers.

Software Developer at Tier1, S.A. | Seville, Spain | Apr 2007 - Apr 2011 (4y)

Development of web apps, ERP and electronic invoicing platform on Java and related technologies/frameworks.

Education

Certificate of Higher Education in Software Development | 2004 - 2006