

# JORGE ALBALADEJO

Senior Software Engineer / Full-Stack Web / Master's degree



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Elche, Spain

English / French / Spanish

## SUMMARY

### 20+ years of experience in:

- Back-end engineering, software architecture, REST APIs.
- Front-end development, UI/UX design, mobile-first.
- DB E/R design and optimization. RDBMS management.
- Automated testing, continuous deployment.
- SCRUM, Kanban, TDD, BDD.

## TECHNICAL SKILLS

- PHP: Laravel, Symfony, ZF2, Behat, PHPUnit.
- Python, Django, FastAPI, Ruby on Rails.
- JS: Vue, React, Angular, Ember, Node, Playwright.
- CSS3: SASS, Bootstrap, Tailwind, Material.
- MySQL, PostgreSQL, Redis, RabbitMQ, GraphQL.
- Linux servers, Docker, AWS.

## EXPERIENCE

### Software Architect / opesus / Remote / 10/2024 – Present

- Designed the architecture for Registra, a registration management system in the chemical regulations domain.
- Filled the gap between business and technical requirements and ensured best practices and highest quality standards.
- Led a team of 5 front and back-end developers and improved development processes by introducing Kanban.
- Implemented a micro-services architecture connecting Registra to internal tools developed by other teams.

Skills: Python, Django, OpenUI5, PostgreSQL, Heroku, Docker, RabbitMQ, Kubernetes.

### Senior Full-Stack Engineer / Freelance / Remote / 05/2021 – 09/2024

- Consulted for over 10 SMEs from Europe and the US, delivering comprehensive full-stack development solutions.
- Extended a custom e-commerce platform by integrating a micro-service architecture comprising 5 distinct applications.
- Maintained 2 learning management systems and a web catalog for 3 diverse clients.

Skills: Laravel, PostgreSQL, Python, Vue3, React, Tailwind, UI/UX, WebSockets, Docker, Cypress, GraphQL, AWS.

### Senior / Lead Software Engineer / PacketFabric / Culver City, CA / 04/2020 – 04/2021

- Transitioned the existing micro-services architecture to accommodate a new billing system across 5+ code repositories.
- Earned a promotion to Lead Software Engineer within 6 months.

Skills: Vue, Bootstrap, Python, PHP, PostgreSQL, Micro-services architecture, REST, Redis, RabbitMQ, Docker.

### Senior Full-Stack Engineer / Frode Fjellberg AS / Oslo, Norway / 11/2019 – 03/2020

- Developed a bespoke e-commerce platform for MyOrder.no, a Norwegian retailer specializing in printed materials.
- Implemented an automated testing suite covering 95% of the codebase.

Skills: Laravel, MySQL, Vue, Tailwind, Python, UI/UX, Dusk, Docker, CI/CD Pipelines.

### Senior Full-Stack Engineer / CauseLabs / Fort Worth, TX / 07/2015 – 10/2019

- Led the development and maintenance of 7+ projects for US-based non-profit organizations.
- Delivered a custom learning management system within 4 months as the lead developer in a team of 3 members.

Skills: Laravel, MySQL, React, Vue, Node, MongoDB, Bootstrap, RoR, Behat, Cypress, AWS, Docker, CI/CD Pipelines.

## **Full-Stack Engineer / Freelance / Lausanne, Switzerland / 10/2014 – 06/2015**

Contracted by TravelBytes, an Australian travel management solution; and Terracor, a Canadian e-commerce provider.

Skills: Angular, PHP, MySQL, Bootstrap, UI/UX, Docker, Google Cloud Engine.

## **Front-End Software Engineer / BugBuster SA / Lausanne, Switzerland / 02/2014 – 09/2014**

- Redesigned the user interface according to current best practices, doubling user adoption and retention rates.
- Developed a Chrome extension to record user actions as replayable test cases.

Skills: UI/UX Design, Ember, Bootstrap, Node, Meteor, MongoDB, AWS, Chrome Extensions.

## **Front-End Engineer / Genius Inside SA / Lausanne, Switzerland / 03/2011 – 09/2012**

- Refactored the architecture of a live application serving over 1000 clients, reducing loading times by a factor of 5.
- Coordinated a remote team of 4 engineers within a SCRUM framework.

Skills: Dojo, jQuery, Mootools, NPM, Webpack, CSS3, IBM Lotus Notes, Android SDK.

## **Previous job positions:**

- **Back-End Engineer** / Eegoes / Vevey, Switzerland / 10/2010 – 01/2011.
  - Created a custom MVC framework, achieving loading times up to 10 times faster than existing solutions.
- **Back-End Web Developer** / Sensorscope Sarl / Lausanne, Switzerland / 01/2009 – 09/2010.
  - Implemented a cloud platform processing and displaying 10 million weather records per month in real time.
- **QA Team Lead** / Trymedia Systems / Fribourg, Switzerland / 01/2007 – 12/2008.
  - Improved existing processes, resulting in an increase on team productivity by a factor of 5.
- **Web Developer** / Freelance / Alicante, Spain / 09/2004 – 12/2006.
- **Web Developer** / Vernon Networks S.L. / Elche, Spain / 07/2002 – 08/2004.

## **EDUCATION**

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**MSc. in Software Architecture and Design** / Munster Technological University / Cork, Ireland / 09/2024 – present.

**MSc. in Information and Communication Technologies**, Major in **Software Engineering** / Haute Ecole Spécialisée de Suisse Occidentale / Lausanne, Switzerland / 09/2012 – 03/2014.

**BEng. in Telecommunications**, Major in **Electronic Communication Systems** / Universidad Miguel Hernández / Elche, Spain / 09/2004 – 09/2010.

## **SOFT SKILLS**

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Leadership, Communication, Team Collaboration, Problem Solving, Adaptability, Mentorship, Project Management, Attention to Detail, Time Management, Client Management.

## **CERTIFICATES & COURSES**

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**Microservice Design & Architecture** / Arcitura

**Professional Scrum Developer** / Scrum.org

**Software Engineering for SaaS** / UC Berkely on Coursera

**French C1** / DALF

**English C1** / EPFL