Daniel Ruiz Cayuela
Software Engineer

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Skills

- **Programming languages:** Java, J2EE (JSF, JSTL, JPA, JBoss, Hibernate, Struts, JAX-RS Service, Spring 3/4/5 (Core, Context, MVC, Security, Spring Boot2, Spring MVC Rest, Spring MockMVC, Spring Data JPA, Reactive Programming with Spring WebFlux and Spring Data MongoDB)), Project Lombok, MapStruct, Thymeleaf, JMS Messages (RabbitMQ, ActiveMQ), Swagger with Spring Boot, Docker, SQL Server, MySQL, RESTful, SOAP, HTML5, CSS3, Bootstrap, JavaScript ECMAScript 6, JQuery, ReacJS-Redux-Thunk, TypeScript, Ajax, XML.
- Experience in Object-Oriented, Aspect-Oriented and Functional Programming.
- Excellent ability to learn and implement new concepts in programming.
- Capable of working within specific timelines and deadlines.
- Perform unit testing with JUnit and functional testing with Selenium, Cucumber and Gherkin.
- Experience with version control systems Subversion (SVN), Git, Jenkins for continuous integration, SONAR for the quality of code, Agile-Scrum methodology and DevOps..

Experience

Senior Software Engineer   Feb. 2019 – Currently, **FinancialForce**, Granada, SP

- Working with the Salesforce Cloud Platform in the R+D department.
- The main project is Accounting. Releasing new features every 3 months and coordinating with other teams and modules belonging to UK and India. Features are related the world of accounting and finance.

- Server side is provided by the Salesforce Cloud and developed in Apex (Java)
- Front-end side stack are JSP and LWC (Web Components + React).
- Using "Scrumban", with Sprints of 2 weeks. Doing Sprint Review directly with the Stakeholders and PMs
- Continuous Integration provided by Jenkins and BlueOcean. Scripting with Ant and Groovy.
- Working in the Architectal Team in order to maintain Jenkin/BlueOcean jobs, enhance main pipelines, migrate differents projects to the new Salesforce version (SFDX), resolving technical debt, doing inductions to new teams for the Integration with our product ...

Software Engineer Oct. 2018 – Curr., **Freelance - Regional Government of Andalusia**

- Working in a web application to researches from the Area of Economy and Agrarian Policies.
- The main task for the application is to gather master data (aka environment variables and operation variables). Those master data has to be filled by farmers and cooperatives in an interface with an elegant and intuitive design provided by the web application.
- The server/API has to calculate some operating times and costs, through logarithmic and empirical equations (provided by the researchers) and show a final result known as the summary sheet.
- The main objective is to determine the profitability of the olive tree as a function of a parameterized context with data matrices and a defined heuristic.
- For the front-end side stack, I'm using: React JS, Redux (Thunk, Form), Axios, HTTP-Proxy-Middlewares, Lodash. Design with MaterializeCss and MaterialUI, SweetAlert ... Creating custom HOC. Testing and TDD with Jest and Enzyme.
- For the back-end side stack, I'm using: Node.js, Express, Mongoose (MongoDB), Cookie-session, Passport, Sendgrid (as email provider), custom Middlewares, Helmet, OAuth, Moxios, Morgan. Swagger to document the endpoint of the API.
- Working with two different environments: production and development. CI with CircleCI. Heroku as cloud provider to the web application and MLab as cloud provided for the MongoDB database. Concurrently and Nodemon to deploy in the local environment.

Analyst Programmer Jul. 2016 – Jan. 2019, **T-System (DAIMLER)**, Granada, SP

- Car technical documents management: creating components in React JS/Redux with custom HOC and Middlewares. Styling with Sass. The API Rest is done with Node.JS. Using middlewares such as Express, Helmet. Morgan, BodyParser ... Unit tests and Integrational tests with Jest and Enzyme package and Moxios to mock. MongoDB/Mongoose as NoSql database. Using TypeScript and webpack. Swagger to document the endpoints.
- International project performing construction functions, analysis and code development, providing robust solutions and sharing knowledge with my team. The technology with which I work is based on Java (JSF / JSP / Spring) combined with browser technology (HTML5, CSS3, JavaScript).
- I work with GIT as version control, SonarQube for code quality control, and others like Jenkins for continuous integration.
- The applications are operated by T-Systems, by fulfilling the client operation requirements, based on IBM WebSphere 8. The Business Logic, including database access, is delegated to

a separated backend system and is not part of the JAVA/ WebSphere coding. The access from WebSphere to the backend system is done via MQ-Business services.

- In the current project, of an international nature, we work as a team, organizing ourselves with tools such as JIRA and currently self-manage our tasks, contemplating the estimated dates and estimated efforts.
- Sometimes, due to the nature of the project, it is required to travel abroad for various technical and functional meetings. In addition, during the development, we maintain a constant feedback through videoconferences. The communication language is in English

Senior Developer   Nov. 2015 – Jul. 2016, **CGI (BBVA)**, Málaga, SP

- Performing maintenance of a project 100% backend. Project built with design pattern FACADE. Programming with Restful for requests to WebServices (Nácar). Using Java/Spring 3.0 (Core, Context) Jackson JSON and JAX-RS Service.
- Development of all layers in a web application JAVA (from DAOs, DTO, Services, Controller) and the front-end JSP with JSTL, HTML5, Bootstrap, JavaScript / JQuery, JSON, AJAX. Using the MVC design pattern. Connection to SQL Server data base and realization of requests through RESTful webservices.
- IDE: Eclipse, STS, IntelliJ ..., SVN and Git to version control, Jenkins for continuous integration, and Sonar for code quality. Agile-SCRUM methodology work. Performing unit tests with JUnit.
- Accustomed to work on international projects for banking sector.
- Creating functional and technical documentation of the application through our customer requests

Developer   Sep. 2010 - Dec. 2014, **Telefónica España, SAU**, Madrid, SP

- Construction abstract specifications and technical documentation into executable code and consistently achieve quality standards in several projects, using Spring Framework (libraries: SpringMVC , Core , Context) and Hybernate for queries to the database (SQL Server 2008).
- Development of all layers of a JEE application (DAOs, DTO, Services, Controller) and the front-end with JSP, JSTL, HTML5 , Bootstrap , JavaScript / JQuery, Ajax , JSON . The web-application follows the MVC design pattern.
- IDE: Eclipse STS, version control and SVN -LEAN methodology Agile work. Performing unit tests with JUnit and functional with SELENIUM. Reporting with JasperReports.
- Develop an intranet web application that unifies all concepts of accounting, stock management , billing distributors; and also a web application for management of clients.

Education
- Technician Computer Systems Administration – Granada, SP
- Java SE 6 Oracle Certified Professional, Java SE 6 Programmer
- DASA DevOps Fundamentals Certified
- English B2 First Certificate, ESOL Cambridge

Volunteering
- Nov. 2007 - Present: **Computer instructor** – IES Fco Javier de Burgos, Granada, SP