Alicia Herrada - Resume

> I'm a Senior Software Specialist based in Argentina with 6 years of experience in the software industry.

Contact information

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🔗 LinkedIn

Work experience

Senior Software Specialist

SparkDigital, *Tandil, Argentina – Since September 2020*

Since before this role became official, I've been taking the technical leadership of a project with a small team of two developers and myself. The project is a migration of a monolithic application that processes and display information about educational surveys taken by teachers and schools leaders across schools in the States.

The biggest challenge on this project has been to take the full technical responsibility to improve the performance of the application while taken into consideration data and users growth.

The main techs of this project are: Java 8, Java 11, Spring, Python, Flask, R, NodeJs, ReactJs, AWS Lamba, AWS CodeBuild, AWS ECS, AWS S3, AWS SQS, DynamoDB, ElasticSeach, PostgreSQL, Docker, Terraform, ETL.

Apart from working on the project, I take technical interviews now and then and I'm involved into the reshaping of the technology area within the company acting as a technical referent for the back-end community and taking the lead with different initiatives and promoting knowledge sharing and a learning culture.

I'm as well hands on an internal project planning to create a reliable talent database that will help HHRR to take data driven decisions.

Senior Software Engineer

SparkDigital, *Tandil, Argentina – 2017 to 2020*

I worked for three years leading maintenance and improvement of .NET based e-learning application with more of 10 years on the market. On this project, I contributed to the migration and refactor of components from one user management application to another, as well as integrations with external applications.

I led the refactor of the user registration flow of the application as well as reviewed and redesigned activation reports that were outdated after the refactor.

One of the biggest challenges on this project was to reverse engineer and document unknown functionalities of the system to help troubleshoot production issues.

Main techs on this project were .NET, C#, Python, MVC 4, AWS services, JavaScript, React, JQuery, GitHub, Redis Cache, Memcached, Nginx, SQL server, RESTful API and SOAP

During this period I also started taking technical interviews and participating on training initiatives within the company to improve learning.

Software Engineer

SparkDigital, *Tandil, Argentina – 2015 to 2017*

During this period I worked on four different projects. I was for a couple of months on a maintenance project of a event-scheduler application APIs. I was part of a team of four developers.

Main techs on this project were Java, RESTful API (Spring) and JUnit

After that, I worked on maintaining and improving a Java-based CCU server that processed XML-based media content sets. On this project I worked alone with the supervision of tech lead on the client side.

Main techs on this project were Java, RESTful API (Spring), JUnit, TestNG , STOMP, WebSockets, Nginx and Docker.

The next project I worked on was with the same client as the previous one, but as part of a bigger team that was in charge of migrating a Java-based video compression, transcoding and delivery system, both the back-end microservices and the front-end application.

Main techs on this project were Java 8, JavaFX, PostgreSQL, Docker, Etcd, Rabbitmq, OrientDB, Redis, RESTful API (Spring), JUnit and MEMCache.

The last project I worked on in this period was an internal application for lunch requests.

Main techs on this project were Java 8, HTML, CSS, MySQL, AngularJS, SASS, Gulp, Bower, Jasmin, RESTful API (Spring), JUnit and EhCache

Junior Software Engineer

SparkDigital, *Tandil, Argentina – 2014 to 2015*

During this first year, I worked on a single project where I was a junior developer. The project was a java-based video transcoder and delivery application where the teams was in charge of implementing most of the back-end services.

Main techs on this project were Java, Hibernate, Guice, JUnit, RESTful API (JSR, Jersey, Swagger), PostgreSQL, Elemental Server, Ateme Server, Baton Server

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Skills

Main Languages

Java, .Net, Python

These are the languages that I've worked the most with, being Java and Python the ones that I'm more interested about.

NodeJs, Go, Kotlin, R

These lenguages though I've done some work with and I undertand them, I don't have enough experience working with them.

Other Technologies

AWS, Docker, RabbitMQ, PostgreSQL, DynamoDB, OrientDB, SQLServer

Other Skills

Technical leadership, project planning

Languages

English

Professional Proficiency

Spanish

Native speaker

Education

System's Engineering Degree

2006 - *2014 (unfinished)*

UNICEN - Tandil, Buenos Aires, Argentina