Luis Arguelles

Software Developer

EXPERIENCE

Number 8 / CareerBuilder —Core Search Software Developer

March 2019 - Present

- Lead the maintenance and enhancement of the Core Search API, ensuring robust data feeding and searching on Apache Solr.
- Implemented support for multiple indexing methodologies on Solr, enhancing data processing capabilities and search efficiency.
- Upgraded and enhanced an internal Scala utility for maintaining Solr consistency
- Modernized .NET legacy codebase, transitioning the API to an asynchronous model for improved scalability and response times.
- Upgraded Scala projects to Scala 3.0, aligning with the latest programming standards and practices for enhanced system capabilities.
- Successfully migrated EMR clusters from Spark 2.4/EMR 5.29 to Spark 3.0/EMR 6.9, ensuring more efficient data processing and system performance.
- Actively participated in replacing a private library with OpenNLP, contributing to significant improvements in natural language processing functionalities.
- Managed and optimized search infrastructure across AWS and a private data center, ensuring high performance and reliability.
- Utilized diverse technologies including Scala, Spark, Solr, .NET, Java, EC2, Kinesis, Aurora, Jenkins, and Git, adapting to project needs and contributing to a versatile development environment.
- Responsible for the development and enhancement of APIs for the Data Science team, focusing on performance and reliability.
- Employed Java for backend development, contributing to new feature implementation and maintenance of existing functionalities.
- Managed code integration and deployment using Jenkins and Git, ensuring streamlined processes and high code quality.
- Operated within AWS environments, leveraging cloud resources for application performance and scalability

Merlin Jobs - Backend Developer

April 2019 -August 2019

I've worked as a Backend developer at Merlin Jobs improving and expanding Merlin's platform using Java, Golang and Python. My main role is creating new functionalities for the clients and maintaining and improving the old functionalities.

BairesDev —Scala Developer

June 2018 - January 2019

I've worked as a Scala developer for TicketNetwork. I've developed multiple

LANGUAGES

Spanish, English

functionalities for the pricing domain using scala, scalajs, fs2, cats, kafka, PostgreSQL.

S4N —Software Developer

July 2013 - June 2018

I've worked as a Scala/Java developer. I've had experience with JEE, Drools, Spring, Scala, Akka Http, Akka, Cassandra, MongoDB, Scalatest, sbt. I have experience working with testing teams on Test automation using Cucumber, Selenium and Selenide framework. I have some experience teaching object oriented Design and programming.

EDUCATION

UNIVERSIDAD NACIONAL DE COLOMBIA, Colombia — *Computer Systems Engineering*

February 2008 - September 2014