

# Edisson Andrés Ruiz Echavarria

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Colombia

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## Languages:

Java, PHP, COBOL

## Summary:

An enthusiastic and professional Java Software Developer who enjoys being part of a successful and productive teams. With ability to grasp new ideas and concepts to develop innovative solutions, I have been helping to build software during the last fifteen years in different fields like custom-software, and healthcare.

## Databases:

Oracle, MySQL, MongoDB

Easy adaptation to change and ability to quickly learn new techniques and programming languages are also part of my strengths. Working for different companies, I had to learn and work with various programming languages like COBOL, PHP, and Java. Since 2017, I have focused on building and supporting microservices using Java and Spring-Boots.

Often included in challenging projects to meet deadlines through good organization and prioritization I was always capable of showing results on time The last few years I have worked on the entire development process using CI, CD, and TDD methodologies.

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## Technologies & Frameworks:

RESTful API development with Spring Boots, Implementation of 3-level architectures using MVP and MVC patterns, Web Services, Hibernate – JPA.  
Cloud computing platforms such as AWS.  
Software development under agile methodologies.  
Containerized platforms: Docker and K8s  
Continuous Integration tools: Jenkins, Bamboo, SVN, Git, and Bitbucket.  
Messaging services used to build distributed systems such as Apache Kafka and Amazon SNS/SQS

## Qualifications:

### Educational Background:

- Software Development Specialist. Universidad Eafit – Colombia 2013
- Diplomaed in Web Application Development. Universidad Eafit – Colombia 2010.
- Systems Engineer. Universidad de Antioquia – Colombia 2009.

### Languages:

Spanish (native), English (B2 - according to the common European reference levels)

## PROFESSIONAL EXPERIENCE

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### Endava

**Senior Software Engineer**

**Aug 2018 – Present**

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#### IT Company

Software developer in charge of designing solutions according to client requirements.

#### Responsibilities:

Design and implementation of REST APIs within the current architecture, including the seamless integration of components with existing web services.

Development, maintenance, and support of existing functionalities and microservices using Java and Spring Boots framework, always applying the highest quality standards.

Use methodologies such as TDD and BDD to guarantee the quality of the developed code and the correct functioning of the applications through unit, integration and performance tests.

Responsible for code quality and compliance with company standards, development of business logic unit tests with Junit and code quality analysis with SonarQube. Support the QA team with test scenarios in Cucumber and load testing with Locust.

Implementation of CI and CD to ensure the delivery of reliable, stable and high-quality software quickly and efficiently. Configuration and management of pipelines using Jenkins and Bamboo.

Create, organize, and maintain repositories to store and version control the project's code base with Git and Bitbucket.

Information management using relational and non-relational databases such as MySQL, Oracle or MongoDB.

Dockerization of projects and deployment of docker images in Kubernetes using a management software product such as Rancher.

Implementation of a messaging system in AWS using SQS and SNS for event management. IAM policy configuration and lambda functions updates

Technical meetings with the client to define scope and tickets to work on during the sprints. Working through agile methodologies and the use of the Jira board.

Describe and document RESTful APIs with Swagger and confluence covering both high-level project information and detailed API specifications.

**Programming languages:**

Java

**Technologies:** Java, Spring-Boots, Jenkins, Bitbucket, Pl/Sql, Oracle, Mongo, Hibernate, JPA, Git, Jira, Bamboo, Kafka, Docker, K8s, AWS, SonarQube, Confluence.

**Testing and Development tools:**

Postman, Bruno, Junit, Mockito, Cucumber, Locust, Swagger.

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**Ceiba Software**

**Senior Software Developer**

**Oct 2010 – Aug 2018**

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**IT Company**

Working as a software engineer to design and build features to support integration with marketing and third parties' providers.

**Responsibilities:**

Developer architect in charge of lead the team in meetings with the client to define new requirements. Negotiation and taking requirements with the client using agile methodologies.

Development, maintenance, and support of existing functionalities using Java and different frameworks such as Struts and Spring Boots.

Creation and exhibition of Web services under the Rest protocol architecture.

Review and documentation of the massive processes. Synchronization of projects through SVN and GIT, creation of SQL scripts for the extraction of personalized data and reports.

Design of unit tests with JUnit and continuous integration with Jenkins for the deployment of the project in different environments.

Analysis, design, and creation of an application for risk management using the GWT framework and data persistence management through hibernate/JPA.

In charge of the continuous development of the application working with different patterns such as MVP and MVC and Implementation of 3-level architectures using Java.

Automation of unit tests and source code evaluation with SonarQube.

**Programming languages:**

Java, Spring, Spring-boots

**Technologies:** Java, Spring Boots, Javascript, Angular, Pl/Sql, JQuery, Junit, Hibernate, Jasper Report, PlanetPress Design, SonarQube, EA, GWT Framework, Ajax, Pl/Sql, JQuery, Junit, Hibernate, SonarQube.

**Testing and Development tools:**

Postman, Mockito, JUnit.

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## Sonda de Colombia

**Software Developer**

Jul 2009 - Sep 2010

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### IT Company

Software developer in charge of affiliations module application for membership, compensation, and collection of payments of persons insured by the company.

### Responsibilities:

Improve the existing functionalities of an application for the management of insureds of the company.

Creation of SQL queries for the extraction of data and personalized reports.

Analysis and breakdown of the functions of the application and support of new features according to the needs of the client.

### Programming languages:

COBOL, Oracle.

**Technologies:** Enterprise Architect, Pl/Sql, Enterprise Architect.

### Testing and Development tools:

N/A

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## Asionline Ltda

**Junior Developer**

Nov 2008 - Jul 2009

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### IT Company

Software Engineer in charge of contribute to the continuous development of an application for management the football tournaments in Medellin.

### Responsibilities:

Analysis, design, and implementation of an application for management the football tournaments using PHP and the framework Symfony.

Research, design and implement best practice solutions to new problems and documentation of the distinct modules in Enterprise Architect.

### Programming languages:

PHP

**Technologies:** Symfony Framework, Ajax, Pl/Sql, JQuery, Enterprise Architect..

### Testing and Development tools:

N/A