



C.C. 1.024.484.521

Javier Leonardo Rocha Beltrán

Senior Java Engineer| Microservices & Cloud Solutions

MORE THAN 12 YEARS OF EXPERIENCE
DEVELOPING IN JAVA AND ANGULAR AS WELL.

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BOGOTA, COLOMBIA.

Profile

I am a seasoned software engineer with over 12 years of extensive experience in Java development, particularly in creating robust back-end solutions. My expertise lies in advanced knowledge of microservice and serverless architectures, with a strong emphasis on NoSQL databases and the full suite of Spring tools, including Spring Boot. I am proficient in implementing these technologies in cloud environments such as AWS and Azure.

I possess a high analytical capacity, with a deep understanding of design patterns and best practices. My experience includes designing complete architectural solutions with multiple interacting components, ensuring scalability, reliability, and maintainability. I have a proven track record of leading projects from inception through to final production, overseeing all stages of development and deployment.

My background in automation tools is comprehensive, including Jenkins, Kubernetes, Docker, ELK, Unleash, Bitbucket, Confluence, GitHub, and Dynatrace. I am well-versed in working with REST and SOAP web services, and proficient with various service clients such as Postman, SoapUI, Insomnia, Swagger, and JMeter.

Throughout my career, I have delivered high-quality software solutions and provided robust production support for released components. Known for my serious, responsible, and respectful approach across all hierarchical levels, I have a strong ability to analyze, propose, and implement solutions to complex situations. I thrive both in team settings and working independently, enjoying challenges within interdisciplinary groups.

As a systems engineer, I excel in defining requirements and workflows. My full-stack capabilities include working with high-level languages such as React and Angular within both monolithic and serverless architectures. I have extensive experience with SQL and NoSQL database management. Additionally, I am adept at working with agile methodologies, particularly Scrum, and managing Git repositories.

In summary, I bring a wealth of knowledge and experience in back-end development, architectural design, and project leadership, combined with a strong analytical mindset and a commitment to delivering high-quality software solutions.



KNOWLEDGE AND SKILLS

- Java language web projects and Micro Services with various architectures and tools.
- Extensive experience developing REST APIs with Spring Boot and Spring libraries.
- Proficient in using IntelliJ, Visual Studio Code, Eclipse, and NetBeans IDEs.
- Experience working with front-end frameworks such as Angular, React, Java JSF, Prime Faces, and the jQuery JS library with Java JSP and Bootstrap JS, among others.
- Extensive experience with databases such as Redis, SQL Server, Oracle, PostgreSQL, and MongoDB.
- Experience with RESTful APIs implementing OAuth authorization and OpenID Connect authentication.
- Proficient in using multiple tools for software CI/CD and maintenance, including Maven, Git, Jenkins, Kubernetes, Docker, Azure DevOps, etc.
- Knowledgeable in unit testing development using Mockito, PowerMock, and JUnit frameworks, and applying the TDD (Test Driven Development) methodology. Skilled in load testing and integration testing using JMeter.
- Over 5 years of experience using Docker for DevOps processes.
- Familiar with common Micro Services design patterns such as Circuit Breaker, API Gateway, Aggregator, Asynchronous Messaging, Saga, etc.
- Maintain high standards for code documentation, code commenting, manuals, test sets, specifications, and required standardizations.

FRONT-END

- Angular, React, PrimeFaces, JSP, JSF, JQuery, Bootstrap.

BACK-END

- Spring Boot, Spring Framework, Spring Data JPA, JDBC, Spring MVC, Struts, Java Beans, etc.
- Databases: SQL Server, Redis, MongoDB, Oracle among others.

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Academic Training

Informatics Engineering
Santo Tomas University
Bogotá, Colombia

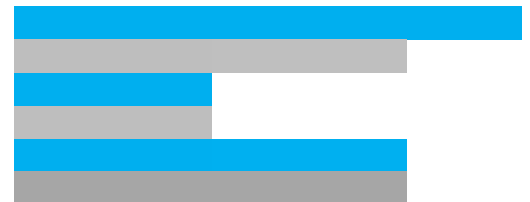


COMPETENCIAS TÉCNICAS

LANGUAGES

JAVA
SQL
C*
PYTHON
JAVASCRIPT
TYPESCRIPT

20% 40% 60% 80% 100%



OPERATIVE SYSTEMS

LINUX
WINDOWS
ANDROID
IOS

20% 40% 60% 80% 100%



DATABASES

ORACLE
MYSQL
REDIS
SQL SERVER
MONGO DB

20% 40% 60% 80% 100%



TECHNOLOGIES

AZURE
DOCKER
SPRING BOOT
MAVEN
ELK

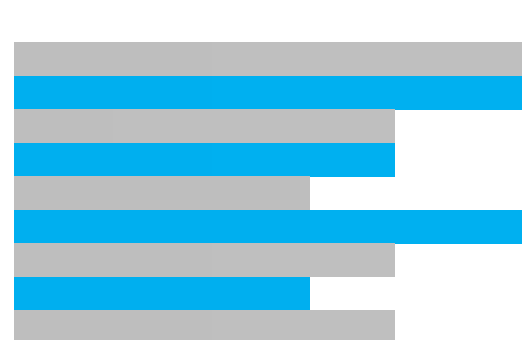
20% 40% 60% 80% 100%



TOOLS

POSTMAN
SWAGGER
SPRING ACTUATOR
SONAR
JUNIT
JMETER
DOCKER
AZURE DEVOPS
JENKINS

20% 40% 60% 80% 100%



20% 40% 60% 80%
100%

OTHERS

JIRA
CONFLUENCE
BIT BUCKET
GIT HUB
TEAMS
DRAW IO
WIN MERGE





WORK EXPERIENCE

Company: Marlabs LLC

Role: Java Senior MS Developer.

October 2022– Currently

Features:

In my current role as a Senior Microservices Developer, I specialize in designing and implementing advanced Spring Boot microservices using Java 17. I contribute actively to the architecture and development of complex systems within a large team of over 200 senior developers, architects, and stakeholders. My responsibilities include participating in the migration initiative from traditional SOA architecture to modern AWS-based Java 17 microservices, where I apply essential design patterns such as service discovery, circuit breaker, and event sourcing to ensure scalable, reliable, and high-performance solutions across diverse application landscapes.

I rely on IntelliJ IDEA as my primary IDE for efficient coding and debugging tasks. I am adept at documenting architectural decisions and creating detailed class diagrams in Confluence, enhancing team collaboration and knowledge sharing. Additionally, I play a significant role in managing releases to production, collaborating closely with cross-functional teams to ensure smooth deployments and adherence to release schedules. This involves rigorous testing practices and leveraging tools like Jenkins for automated build and deployment pipelines.

Furthermore, I utilize Docker and Kubernetes for containerization and orchestration, optimizing the scalability and deployment flexibility of microservices. I integrate monitoring and analytics tools such as the ELK stack to gain insights into system performance. Continuous code quality analysis is conducted using SonarQube, ensuring adherence to best practices. I implement DevOps methodologies, including infrastructure as code and automated testing frameworks, to maintain high standards of software reliability and operational efficiency in our development processes.

Environment / tools / technology:

- Languages: Java.
- DataBase: Redis Database, Oracle Database, PostgreSQL.
- Sonar.
- Maven.
- Git.
- Spring Boot.
- Spring WebFlux
- GraphQL.
- Unleash.
- Jenkins.
- Kubernetes.
- Docker.
- ELK.
- Jira.
- Confluence.

Company: Linexperts

Role: Java Senior Developer.

January 2021– October 2022

Features:

- Develop under the Java platform, new scopes for the multiple components of the Amadeus main platform.
- Development of new strategies for process deployments using Docker and Azure pipelines.
- Maintain and update all the company technological process documentation in JIRA.
- Generation of Documentation, such as technical designs, installation manuals, and configuration

manuals.

- Scanning code with Sonar as a tool to audit the code that is uploaded to the Azure repository.
- Be in charge of the development team which were composed by 7 java developers.
- Decide the best solution and technologies for the migration process of java monoliths to Azure microservices.
- Scrum Master of the migration project.

Environment / tools / technology::

- Languages: Java, javascript, plsql, typescript.
- Operative Systems: Windows and Linux.
- DataBase: Redis Database, Sql Server.
- Azure.
- Sonar.
- Maven.
- Git.
- Bit Bucket and Azure repositories.
- Spring Boot.
- Quarkus.
- GraphQL.
- Angular, React.
- Jira.

Company: CMC Ltda.

Role: Java Senior Developer.

September 2019– January 2021.

Features:

- Develop under the Java platform, new scopes for the front of the biometric mobile authentication project. New flow that is in the application of New Model Contracting or Agile Product Contracting.
- Support for failures to Websphere 9 servers, present in the bank infrastructure.
- Support for failures in communication of infrastructure components, such as balancers, database servers, and linux servers.
- Development of new scopes for Biometrics services, through Java language development, and Oracle Database. These services are part of the mobile biometric authentication back, and are connected to registry components to do fingerprint validation.
- Development of Back Asynchronous services for third-party services, technical flow used by new hiring model, to obtain information from data collection companies such as SOI or APL.
- Correction of bugs and adjustments in the technical designs of java development corresponding to agile product procurement.
- Generation of Documentation, such as technical designs, installation manuals, and configuration manuals.
- Pre-configuration of Jenkins tool to automate code scanning and component deployment tasks in on-premises environments.
- Scanning code with Sonar as a tool to audit the code that is uploaded to the Bit Bucket repository.

Environment / tools / technology::

- Languages: Java, javascript, plsql, typescript.
- Operative Systems: Windows y Linux.
- DataBase: Oracle 11g.
- Jenkins.
- Sonar.
- Maven.
- Git.

- Bit Bucket.
- Websphere Server Application.
- Tomcat Server Application.
- Spring Boot.
- Angular.
- Jira

Company: CONTACT AND BUSINESS LTDA

Role: Java Senior Developer.

March 2017– September 2019.

Features:

- Development of new scopes for porvenir's platform, which is used throughout the country by all offices of Porvenir: Huge, multi-business-capable tool including a processing console that processes millions of records every day.
- Platform is built in java and hosted on web logic servers.
- Build the necessary requirements that were proposed each year to improve and support the platform.
- Deployments to production weekly and continuous documentation duly approved and covered by the different quality processes was required.

Environment / tools / technology::

- Languages: Java, Sql, javascript, typescript.
- Operative Systems: Windows y Linux.
- Databases: Oracle 11g.
- Tools: Eclipse, Plsql, Team Foundation Server (TFS), WebLogic, SVN, DevKing,etc.
- Spring Boot.
- Angular.

Company: GML SOFTWARE

Role: DESARROLLADOR DE SOFTWARE

June 2015 – March 2017

Features:

- Develop scopes for the CIFIN's project credit bureau with the purpose of a credit study software that was going to be distributed to CIFIN clients, which are mainly financial entities such as Bancolombia and Banco de Bogotá
- Software made capable of creating graphs and nodes with which credit study policies are designed for natural and legal persons.
- Use of hibernate as persistence framework, Smartgwt as front framework and SpringMVC as back framework.
- Development in JAVA language.
- Management of multiple tools for software development and maintenance, such as git and bit bucket.
- Framework under the SCRUM methodology.
- Different projects with Grupo Milenium Software (GML), using technologies such as primefaces, Spring MVC, Hibernate, Spring Data, Spring Batch, jdbc, etc. with GML client
- Asopagos for the ministry of work.

Environment/tools/technologies:

- Languages: Java, Sql.
- Operative Systems: Windows
- DataBases: Oracle
- Tools : NetBeans, WebLogic, Plsql, Soap UI.
- Others: Git, Bit Bucket, etc.

Company:

TECNORRENT.

Role: Java

Developer.

February 2014 – June 2015

Environment / Tools / Technologies:

- Languages: Java, Sql.
- Operative Systems: Windows and Linux
- DataBases: Oracle y TeraData
- Tools : NetBeans, Svn, Soap UI, PLSQL, etc.
- Others: Jenkins, TestNG.

Company: KOGHI

Role: Java Developer.

March 2013 - January 2014

Environment / tools / Technologies:

- Languages: Java, PHP, sql.
- Operative Systems: Linux
- DataBases: Max DB, PostGress, MongoDB and MySql.
- Tools : Net Beans, Svn, WebLogic.
- Others: Sonar, Jenkins, Junit, etc.