# Alejandro Arévalo Vásquez

## Systems Engineer - Senior Java Developer

Systems engineer highly interested in technologies, methodologies, and techniques of software programming. 13+ years of experience developing web applications using the Java platform (Struts, Oracle ADF, JSF, EJB, JPA (Hibernate), Primefaces, Spring, Kotlin, Vert.x) supported in RDBMS such as Oracle DB, MySQL, PostgreSQL, and SQL Server. Proactive, analytical, and perfectionist at work. Experience with Front-End technologies (HTML5, CSS3, Javascript, React)

Technical Leader experience supported by projects in banking and insurance companies. Discrete, results-oriented, and committed to companies and projects assigned.



## **Work History**

2023-06 -2024-02

### Software Engineer - SQL Developer

BairesDev LLC., Bogotá D.C., Colombia

- Research & Development for commercial purposes.
- Implementation of new stored procedures and maintenance of existing ones to deliver high-value data for the commercial department.
- Analysis, design, and implementation of algorithms to extract information to contact potential customers for the company
- Code reviews and repository management using cloud tools (Gitlab) and Git.

2022-11 -2023-06

### Kotlin/Java Senior Developer

WinDifferent LLC (BairesDev)., Bogotá D.C., Colombia

- Graph database modeling to perform CRUD operations over huge datasets (Neo4J)
- Understand different business processes to implement expected requirements using REST APIs (Vert.x)
- Ensure standard practices on REST API implementations using the Kotlin programming language
- Code reviews and repository management using cloud tools (Gitlab) and Git.
- Create AWS infrastructure programmatically using the AWS CDK



## Contact

#### Address

Transversal 4 # 52B - 64 Chapinero, Bogotá D.C. Colombia.

#### **Phone**

(+57) 313-813-2538

#### E-mail

alejandroarevalov@gmail. com

#### LinkedIn

https://www.linkedin.com/in/alejandroarevalov/

#### Twitter (X)

https://twitter.com/alejoarevalov



Object Oriented Programming

Excellent

Object Oriented Software Design Patterns

Excellent

Computer Sciences

Excellent

#### 2021-10 -Java Developer - Technical Leader 2022-10

BairesDev LLC., Bogotá D.C., Colombia

- Leading an 8 people team (Front-End, Back-End, and QA resources) to guarantee new features development
- Understand different business processes to explain to the developers the way new requirements must be implemented
- Database modeling using relational databases to ensure new requirements performance (MySQL database)
- Code reviews and repository management using cloud tools (Bitbucket) and Git.
- Solution design following international coding standards to ensure performance and maintainability of source code.

#### Senior Java Developer 2021-05 -

2021-10

EPAM Systems, Inc., Bogotá D.C., Colombia

- New requirements development using Spring technologies for a retailing company (Nordstrom, Inc.) operating in the USA, Canada, and Europe (microservices architecture to handle purchase orders)
- Building and maintaining REST APIs to guarantee loose coupling between different Microservices involved in business operations
- Test Driven Development throughout the construction of unit test cases
- Implementation of automated business validation tests using the Cucumber framework
- Code reviews and repository management using cloud tools (Gitlab) and Git.
- Solution design following international coding standards to ensure performance and maintainability of source code.

#### 2017-12 -Java Developer - Software Designer 2021-05

Globant, Bogotá D.C., Colombia

- Developing new requirements using Spring technologies for an American travel Company (Southwest Airlines) and the Disney Cruise Line
- Building and maintaining REST APIs to guarantee loose coupling between different Microservices involved in business operations
- Test Driven Development throughout the construction of unit test cases
- Code reviews and repository management using cloud tools (Github) and Git.

Data Structures

Excellent

Agile (Scrum, Kanban)

Excellent

Relational Database Management Systems

Excellent

Java Programming Language (Struts, JSF, JEE, JPA, Spring Technologies)

Excellent

**API REST** 

Excellent

GIT

Very Good

Maven

Very Good

Unix-based operating systems

Very Good

Kotlin

Good

Gradle

Good

Jira

Good

AWS Services (EC2, RDS, S3, Elastic Beanstalk, API Gateway, VPCs)

Good

CICD (Jenkins, Gitlab pipelines)

Average

 Solution design following international coding standards to ensure performance and maintainability of source code.

## 2016-04 - Automation Director - Technical Leader 2017-11

Excelcredit S.A, Bogotá D.C., Colombia

- Software planning, technical effort estimation, and architectural design of the core business application.
- In charge of building a consistent methodology to develop new solutions for enterprise operations.
- Company high-impact solution coding and testing.
- During his command for almost three years, the software team achieved the automation of 76% of the operational process.

## 2015-02 - Technical Leader/Director 2016-03

Arterisk, Bogotá D.C., Colombia

- Guaranteed software implementations using the best practices in the industry.
- Led and supported development team to ensure the accomplishment of the client's requirements
- On his lead, the Java Software Team implemented a business core application for a financial institution, which currently supports the company's operational process.

### 2014-08 - Java Developer 2015-02

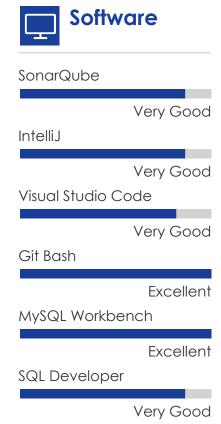
Redesis LTDA., Bogotá D.C., Colombia

- Worked on constructing the SIAB (Bogotá Centralized Archive System) making software artifacts for managing the reception, classification, and saving of physical files.
- On his duty, he implemented a Thesaurus to allow users to search information faster and look for related information.

## 2012-03 - **Developer/Analyst** 2014-08

Software Builders LTDA., Bogotá D.C., Colombia

 Management and maintenance of the SIGP (Project Management Integrated System) of Colciencias (Science Government Institution) using Java technologies such as Struts 1.2 and Oracle ADF Business Components (ORM).





## 2004-06 - Bachelor of Science: Systems Engineering 2016-11

District University Francisco José De Caldas - Bogotá D.C

 Professional development completed in Systems Engineering focused on software development

### 2002-06 - High School Diploma 2003-06

Gimnasio Unión Nacional - Bogotá D.C.

• High school development completed.

## **Languages**

English Very Good Spanish

Excellent



## **Programming Languages**

- Java: 5
- C/C++: 4
- Javascript: 4
- NodeJS: 4
- Kotlin: 2
- HTML: 3
- CSS: 2
- SQL: 5