

# 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

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### LinkedIn

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

### Twitter (X)

<https://twitter.com/alejoarevalov>



## Skills

Object Oriented  
Programming

Excellent

Object Oriented Software  
Design Patterns

Excellent

Computer Sciences

Excellent

2021-10 -  
2022-10

## Java Developer - Technical Leader

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.

2021-05 -  
2021-10

## Senior Java Developer

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 -  
2021-05

## Java Developer - Software Designer

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



Agile (Scrum, Kanban)



Relational Database Management Systems



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



API REST



GIT



Maven



Unix-based operating systems



Kotlin



Gradle



Jira



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



CICD (Jenkins, Gitlab pipelines)



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

2016-04 -  
2017-11

## Automation Director - Technical Leader

*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 -  
2016-03

## Technical Leader/Director

*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 -  
2015-02

## Java Developer

*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 -  
2014-08

## Developer/Analyst

*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).



## Software

SonarQube



IntelliJ



Visual Studio Code



Git Bash



MySQL Workbench



SQL Developer





## Education

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2004-06 -  
2016-11

### Bachelor of Science: Systems Engineering

*District University Francisco José De Caldas - Bogotá D.C*

- Professional development completed in Systems Engineering focused on software development

2002-06 -  
2003-06

### High School Diploma

*Gimnasio Unión Nacional - Bogotá D.C.*

- High school development completed.



## Languages

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English



Very Good

Spanish



Excellent



## Programming Languages

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