Salomon Mejia

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Vereda Pantanillo, O, 050011, Medellin, Antioquia

PROFILE

Highly skilled and adaptable software developer with xve years of ecperienSe in Java and Q.L teShnologiesK mnown for fast learning and proble-,solving SapabilitiesI u ecSel in -astering new teShnologies and So-plec software arShiteStNresK Qeeking a Shallenging software develop-ent role

SKILSS

Java

Spring Boot

Spring

Docker

MySQL

Maven

Hibernate

Git

Gradle

AWS

Python

kafka

EDUCATION

01/2011 - 12/2016

National university of Colombia | Medellín

Engineer

01/2017 - 12/2019

National university of Colombia | Medellín

Magister

EMPLOYMENT HISTORY

01/2023 - Actual

Java developer

Banco General | Ciudad de Panamá

I have extensive experience in software development, particularly in Java and the Spring Boot framework, along with proficiency in Python. I've contributed to the development and maintenance Yappy personal digital wallet project, which supports person-to-person, person-to-business, and business-to-business transactions. This project involved seamless integration with Panama's entire banking ecosystem.

Furthermore, I possess expertise in serverless architecture, with the AWS environment. I have leveraged AWS Lambda functions to automate tasks and have a background in designing serverless applications using services like AWS Lambda and API Gateway.

I also have a strong background in microservices architecture, especially in the context of communication via Kafka. I have experience in designing, deploying, and managing microservices architectures, using Apache Kafka for distributed event streaming. This enables real-time data streaming and event-driven communication between services.

Additionally, I am skilled in developing and maintaining unit tests and integration tests for Java and applications. I follow Test-Driven Development (TDD) practices and have experience in setting up CI/CD pipelines for automated testing and deployment.

In summary, my combined experience encompasses:

- Code refactoring to enhance code quality and maintainability.
- New architecture design using SOLID principles.
- Proficiency in microservices architecture and design.
- Expertise in communication between microservices using Kafka.

- Developing and updating unit tests and integration tests for Java applications.
- Implementing CI/CD pipelines for automated testing and deployment.
- Adherence to Test-Driven Development (TDD) practices.

01/2021 - 12/2022

Java-SQL developer

Energage-Oiga | Philadelphia

Creating New Demographic Assessment Modules in Java: This involves developing additional modules for demographic evaluation using the Java programming language. These modules are components or segments of a software application specifically designed to assess and analyze demographic data.

Summary:

- Java-Based Development: These modules are developed using Java.
- **Focused Demographic Analysis:** They are dedicated to assessing and analyzing demographic data.
- Integral Components: These modules serve as essential parts of a larger software application.

I also have expertise in Amazon Web Services (AWS) with a focus on AWS Identity and Access Management (IAM) and AWS storage services. Here's how my experience in these areas complements the development of demographic assessment modules and other software development tasks:

AWS IAM Expertise:

- Access Control: I have effectively used AWS IAM to control access and permissions within AWS environments.
- User and Role Management: I am proficient in creating and managing IAM users, groups, and roles.

AWS Storage Services:

- **S3 (Simple Storage Service):** I have utilized AWS S3 for storing and managing data, including demographic data, securely and cost-effectively.
- DynamoDB: For NoSQL database needs, I have worked with AWS
 DynamoDB to store and retrieve data efficiently, particularly when dealing with real-time or dynamic demographic information.

01/2020 - 12/2020

Full Stack Developer (Focused on Backend Engineer)

Quipux | Medellín, ANT

The project involves the development of a Citizen Service Chatbot Management Platform for Traffic Departments with the following key components:

- · **Java Backend Development:** The backend logic is implemented in Java to facilitate chatbot interactions and data management. It ensures integration with databases, external systems, and security measures.
- **User-Friendly Chatbot Management Interface:** The platform includes a user-friendly interface utilizing Virtual Natural Language Models (VNeKMs) for efficient chatbot management. This interface simplifies the administration of chatbots.
- **Real-Time Monitoring, Analytics, and Reporting:** It offers real-time monitoring, analytics, and reporting features, enabling administrators to track chatbot performance and gather insights from citizen interactions.

In addition to my previous experience, I also have expertise in integrating IBM Watson Chatbots into software platforms. This experience adds another dimension to the development of the Citizen Service Chatbot Management Platform for Traffic Departments:

IBM Watson Chatbot Integration:

- I have successfully integrated IBM Watson's chatbot capabilities into software applications, enhancing user interactions by providing Al-driven chatbot services.
- Leveraging Watson's natural language processing (NLP) and machine learning capabilities, I've enabled chatbots to understand and respond to user inquiries more intelligently.
- I've configured and customized Watson chatbots to meet specific requirements, ensuring that they align with the goals and objectives of the Traffic Departments' citizen service initiatives.

01/2018 - 12/2019

Python Developer

Universidad Nacional de Trabajo | Medellín, ANT

During my two-year tenure as a Python developer, I spearheaded the development of specialized image processing software for machinery diagnostics in an industrial setting. This project revolutionized the way machinery maintenance and efficiency were managed within a manufacturing company.

Key responsibilities and achievements during this role included:

- **Software Design and Development:** From project inception, I worked on designing and developing the software using Python and specialized image processing libraries such as OpenCV and NumPy. This allowed for early detection of machinery issues.
- **Advanced Image Processing:** I implemented image processing algorithms to identify patterns, wear, and anomalies in captured images. This helped prevent unexpected breakdowns and reduce costly downtime.
- Continuous Improvement: Over the two years of development, I collaborated closely with the operations team to gather feedback and make continuous improvements to the software, resulting in a highly effective solution.

 This project not only optimized machinery efficiency but also generated substantial savings by reducing unplanned downtime and improving maintenance planning. As a Python developer, I contributed to the success of this software, which had a direct impact on the company's profitability and smooth operations.

IDIOMAS Spanish: native

	
English:	C1