JOHN SEBASTIAN GUERRERO PINTO

Java Software Engineer

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Summary

Dynamic Java Software Engineer with 3+ years of experience in building scalable applications using AWS, Spring Boot, and Kafka. Expert in implementing modular architectures and crafting RESTful APIs, resulting in improved system efficiency and performance. Designed advanced data management solutions and conducted thorough testing to maintain high code quality. Ready to leverage robust backend capabilities and frontend excellence to meet the needs of prospective employers.

Work Experience

Full Stack Engineer, FundacionCepav, Colombia

10/2025 – Present

- Engineered features across multiple projects utilizing diverse programming languages within a serverless architecture. Integrated pivotal AWS services, including API Gateway, Cognito, RDS, and MercadoPago. Orchestrated infrastructure management and deployments using AWS Cloud.
- - Developed new features and executed user stories on both the backend (Node.js with AWS Lambda) and frontend (Angular).
- - Designed and maintained Lambda functions interacting with AWS services such as API Gateway, Cognito, RDS (MySQL), and MercadoPago for payments.
- - Crafted interfaces and presentation logic in Angular, ensuring seamless API integration.
- - Employed AWS CDK for infrastructure as code management.
- - Diagnosed bugs, provided technical support, and propelled continuous system improvement.
- - Actively participated in code reviews, testing, and deployment processes.

Java Full-stack Developer, Self-employed, Banco Unión | FinTech operations and other projects |

04/2024 – 10/2025

- Java Backend :
- Architectures: Implemented Clean Architecture and Hexagonal Architecture principles for modular and maintainable backend systems within the Spring ecosystem.
- REST APIs: Conceived and deployed RESTful APIs using Spring MVC.
- Data Layer: Collaborated with Spring Data JPA, leveraging JPQL and native SQL, while applying DTOs and entities for efficient data persistence and transfer.
- Testing: Produced comprehensive JUnit test cases to guarantee code quality and functionality before integration and deployment.
- DevOps Tools: Familiar with Docker and Kubernetes for containerization and orchestration; partnered using Azure DevOps Repos and GitHub for version control and code management.
- Angular Frontend
- Architecture & Design: Engineered use-case services and HTTP gateways to decouple the UI from backend APIs, adhering to a clean separation of concerns with components acting as driving adapters.
- Data Management: Developed advanced Angular Material tables (MatTable) with custom sorting, filtering, pagination, and per-table filters (including date range and persisted sort/page size).
- Dynamic UI: Conceptualized config-driven modal forms, localized paginators, and instituted robust error handling with clear user feedback mechanisms.
- Code Quality & Practices: Applied strong typing, reusable filters, normalized search logic, and defensive handling of null or nested fields, leveraging RxJS for reactive programming and effective state management.

Pega Solutions Associate, Scotiabank Colpatria, Bogotá, Distrito Capital, Colombia

01/2022 – 04/2024

- - Collaborated as a developer to enhance the efficiency of web applications using Agile methodologies.
- - Partnered closely with the development team to build new features and resolve code issues.
- - Improved infrastructure efficiency through application support and process automation.

IT Intern, Frontera Energy Corp., Bogot a, Distrito Capital, Colombia

07/2021 – 11/2021

- - Developed advanced automations in Google Sheets by employing JavaScript algorithms.
- - Monitored and reported large-scale data related to exploration and production operations.
- - Supported interactive dashboards and web management systems.

Education

TELEMATIC ENGINEER, Computer Engineering, Universidad Distrital Francisco José de Caldas, Bogotá, Colombia

01/2023 – Present

DATA SYSTEMATIZATION TECHNOLOGIST, Computer Programming/ Programmer, General, Universidad Distrital Francisco José de Caldas, Bogotá, Colombia

04/2018 – 12/2022

Skills

Azure DevOps Services   Amazon Relational Database Service (RDS)   AWS CDK

Java   Node.js   AWS Lambda   Angular   Spring   Spring MVC   Spring Data JPA

JPQL   Docker   Kubernetes   Azure DevOps Repos   GitHub   JavaScript

Agile methodologies   Kafka   AWS   Test Automation   CI/CD   SQL   NoSQL

OOP   Algorithms   Design Patterns   Agile/Scrum Methodologies

Software Engineering

Languages

English   Professional Working

Certificates

Certified Pega System Architect

CCNA: Introduction to Networks

CCNA: Switching, Routing, and Wireless Essentials