

CARLOS CASTAÑEDA

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Senior Java Software Engineer

Senior Java Software Engineer with 8 years of hands-on experience in designing, developing, and deploying scalable and secure web applications. I have extensive expertise in Java, Spring Boot, and cloud services (AWS, GCP). Proficient in developing robust applications, designing microservices architectures, and optimizing cloud deployments through containerization and serverless computing.

Professional Experience

IBM

Oct 2021 - Present

Java and Web Technologies

- Developed and maintained microservices for USAA, focusing on risk validation and detection modules.
- Enhanced system performance and reliability, contributing to a 15% reduction in processing time.
- Developed microservices and APIs, ensuring robust and scalable solutions.
- Conducted unit and deployment testing to maintain code quality.
- Integrated code and managed GitLab environment branches.

EDICOM

Software Engineer Development (I+D+S)

- Developed and maintained web services for SAT's new complements.
- Analyzed and implemented electronic invoicing solutions for DIAN in Colombia and new crypto file formats in Germany (Zugferd).

TELCEL

Jun 2015 - May 2016

Data Analyst CRM

- Maintained and developed new modules for the portability system, enhancing system functionality and user experience.

Concepto Móvil

May 2014 - Jun 2015

Leader Development

- Analysis, design and development of REST services

Education

Instituto Politécnico Nacional, Licentiate degree in Computer Science, Jan 2011 - Jan 2015

Core Competencies

Programming Languages Java

API Development RESTful, gRPC, WebSocket, GraphQL

Event-Driven Communication Kafka

Frameworks Spring Boot, Angular

Databases PostgreSQL, MongoDB

Infrastructure Dockers, Kubernetes

Cloud AWS, GCP, Terraform

Testing Frameworks JUnit, Mockito, Selenium

Version Control & Tools Git, GitHub, GitLab, Jira

Build Tools Maven, Gradle