

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	
<ul style="list-style-type: none"><li>Developed and maintained microservices for USAA, focusing on risk validation and detection modules.</li><li>Enhanced system performance and reliability, contributing to a 15% reduction in processing time.</li><li>Developed microservices and APIs, ensuring robust and scalable solutions.</li><li>Conducted unit and deployment testing to maintain code quality.</li><li>Integrated code and managed GitLab environment branches.</li></ul>	
EDICOM	Jun 2016 - Oct 2021
Software Engineer Development (I+D+S)	
<ul style="list-style-type: none"><li>Developed and maintained web services for SAT's new complements.</li><li>Analyzed and implemented electronic invoicing solutions for DIAN in Colombia and new crypto file formats in Germany (Zugferd).</li></ul>	
TELCEL	Jun 2015 - May 2016
Data Analyst CRM	
<ul style="list-style-type: none"><li>Maintained and developed new modules for the portability system, enhancing system functionality and user experience.</li></ul>	
Concepto Móvil	May 2014 - Jun 2015
Leader Development	
<ul style="list-style-type: none"><li>Analysis, design and development of REST services</li></ul>	

Education

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

Core Competencies

**Programming Languages**    Java, TypeScript, Go  
**API Development**    RESTful, gRPC, WebSocket, GraphQL  
**Event-Driven Communication**    Kafka  
**Frameworks**    Spring Boot, Angular, jQuery  
**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

Certifications

Building Scalable Java Microservices with Spring Boot and Spring Cloud, Google Cloud Skills Boost    Jul 2024