Andres Jose Sanchez

Full-Stack Developer | Java Spring Boot Microservices | Event-Driven AWS

Bogotá, Colombia andresjose84@gmail.com 301 4200114 ajsm-ing andresjose84

Professional Summary

Full-Stack Developer with over 12 years of experience building scalable web applications and cloud-native services on AWS. Current work centers on Java Spring Boot microservices, built with Gradle or Maven for a banking application, and on event-driven integrations with AWS Lambda (Node.js and Python), Step Functions, Amazon SQS, EventBridge, API Gateway, and Amazon ECS. Focused on the reliability of banking transactions through production support, continuous improvement, and CI/CD automation with Jenkins and GitLab under Scrum. Bilingual professional with prior experience operating AWS environments that supported 40+ enterprise clients and 117,500+ monthly users.

Professional Experience

Full Stack Developer, DXC Colombia - Itau Bank – Remote June 2025 – Nov 2026

- Designed and built Java Spring Boot microservices with Gradle or Maven, delivering functionality aligned with the frontend requirements of the bank's application.
- Investigated and resolved production incidents while continuously improving Java Spring Boot microservices, preserving the stability of the bank's transactions and services.
- Designed and orchestrated complex workflows with AWS Step Functions, integrating Lambda functions to support reliable asynchronous processing.
- Designed AWS Lambda functions in Node.js and Python, and configured Amazon SQS and Amazon EventBridge to connect event-driven services in the bank's application.
- Configured and managed AWS API Gateway for secure API exposure, and deployed containerized services on Amazon ECS.
- Delivered features under the Scrum methodology, managing the software lifecycle in GitLab and automating continuous integration and delivery (CI/CD) pipelines with Jenkins.

Cloud Infrastructure and Services Administrator, T3rs Digital – Bogotá, Colombia June 2019 – June 2025

- Created AWS Lambda functions to integrate SES and track email events, automating log recording in MySQL databases per client.
- Currently managing the AWS EC2 infrastructure supporting 40+ clients, handling 117,500+ unique monthly users and 60,000 selection processes, resulting in 12,000+ monthly hires.
- Developed custom Bash scripts for specific tasks, such as personalized backups and data migrations to S3.
- Designed self-managed environments using CloudFormation with RDS Aurora, load balancers, and EC2 Auto Scaling for clients.
- Implemented CI/CD pipelines to ensure code changes are automatically tested and deployed quickly and reliably in production.

Senior Software Engineer, RCN Televisión – Bogotá, Colombia Sept 2015 – Jan 2024

- Participated directly in the development of the company's entire web ecosystem.
- Developed and maintained websites for multiple productions using NextJS and Drupal 9.
- Created microservices in NodeJS and Python integrated with AWS Lambda, reducing response times by 20% and AWS costs by 50%.
- Implemented projects such as Google AMP and Facebook Instant Articles, improving the mobile user experience.
- Created continuous integration flows with Jenkins, increasing software delivery speed.

Android Engineer, Seidor Colombia – Bogotá, Colombia Jan 2015 – June 2015

- Developed native Java modules for educational applications, improving interactive learning experiences.
- Optimized local SQLite databases, enhancing application performance on Android devices.

Education

Universidad de Ibagué, Systems Engineering – Ibagué, Colombia

Universidad Javeriana, Web Application Development – Bogotá, Colombia

Certifications

- AWS Certified AI Practitioner

Skills

Programming Languages: Java, JavaScript, Python, PHP

Frameworks and Libraries: Spring Boot, NodeJS, React, NextJS, Redux Toolkit, Angular 17, Express, NestJS, Sass, Tailwind, Firebase

Databases: MySQL, MongoDB, PostgreSQL, DynamoDB, Cassandra, SQLite

DevOps and Cloud: AWS (Lambda, Step Functions, SQS, EventBridge, API Gateway, ECS, S3, EC2, RDS, Route 53, CloudFormation), Gradle, Maven, Docker, Jenkins, GitLab, Git, Linux, Bash, Kubernetes, Ansible, Terraform

AI Tools: Kiro, Cursor, Antigravity

General Skills: Microservices, Event-Driven Architecture, CI/CD, Scrum, Generative AI