SANTIAGO ARDILA

Senior Backend Engineer

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SUMMARY

Systems and Computer Engineer from Universidad de los Andes with experience in architecture, design, and software development with highly complex data management. I have multiple certifications in Java, Node.js, and Agile development. I am passionate about learning new technologies, entrepreneurship, and the development of mobile computing and infrastructure solutions.

EXPERIENCE

Senior Back-end Developer
01/2024 - 10/2024

Sonatafy Technology | Nearshore Software Development
Bogotá, Colombia

Software Development, Scottsdale, Arizona
- Implemented a new system based on the Spring framework to manage key data in an existing process.
- Established Domain-Driven Design (DDD) as the principal software development approach to address complex domain-related problems.
- Integrated the new system with legacy systems and connected it to various AWS services.
- Performed QA validations for both UI and backend features to ensure functionality and reliability.
- Designed and optimized database schemas to improve data management.
- Developed and executed unit and integration tests to ensure code quality and system stability.

Software Engineer
05/2022 - 07/2023

Nubank
Bogotá, Colombia

Financial Services, São Paulo, SP
- Implemented new microservices using Kubernetes and Kafka to enhance system scalability and reliability.
- Refactored existing Clojure implementations to improve performance and maintainability.
- Developed and executed acceptance tests, along with integration and unit tests, for both new and existing features.
- Conducted data analysis to inform business and technical decision-making.

Senior Java Software Engineer
10/2020 - 04/2022

Modyo
Bogotá, Colombia

IT Services and IT Consulting, Vitacura, Santiago
- Connected digital sign service with the existing data system to streamline data integration.
- Maintained and optimized the existing microservices platform to ensure continuous operation.
- Led end-to-end development, ensuring successful deployment in the production environment.

Java Software Engineer SSR Advance
03/2019 - 10/2020

Globant
Bogotá, Colombia

IT Services and IT Consulting, San Francisco, CA
- Designed and implemented RESTful APIs to enhance system functionality.
- Collaborated with cross-functional teams to ensure seamless integration of services.
- Optimized existing code for better performance and scalability.
- Developed and executed load tests to ensure system performance under high traffic conditions.

LANGUAGES

| Español | Native | ●●●●● |
| Inglés | Proficient | ●●●●○ |

TRAINING / COURSES

IELTS Preparation (B2-Upper Intermediate)

SKILLS

Java · Spring Boot · REST APIs · Scala ·
Relational Databases · PL/SQL ·
Load Testing · Docker · Microservices ·
DocuSign · Amazon Web Services (AWS) ·
API Development · Kubernetes ·
Google Cloud Platform (GCP) ·
Spring Framework · Apache Kafka ·
Jenkins · Web Development ·
API Gateway · Serveless Development ·
Clojure · Git · Programming · Simulations ·
Software Engineering · Linux · Matlab ·
SQL · Process Optimization ·
Network design · C++ · C# ·
Software Development · Django · Python ·
Flask · JUnit · IBM MQ · IntelliJ IDEA ·
Test-Driven Development ·
Domain Driver Development

EXPERIENCE

Software Engineer
02/2018 - 02/2019

Seven4N
Bogotá, Colombia

IT Services and IT Consulting, Newtown, PA
- Implemented and optimized RESTful APIs to ensure seamless communication between microservices.
- Monitored and resolved production issues to maintain system stability.
- Ensured compliance with security and regulatory requirements throughout the development process.
- Developed and maintained Java-based microservices to support the ADVANCE project's functionality.

Graduate Research Assistant
08/2017 - 02/2018

Universidad de los Andes - Colombia
Bogotá, Colombia

Higher Education, Bogotá, Colombia
- Responsible for the support of the creation of didactic material and contents in workshops for the Software Project Management course of the master's in software engineering
- Maintenance of the Women in Computing website
- Development of the CIbSE website for the research forum 2018 Software Engineering (Software Engineering) leader in Latin America

ABET Graduate Accreditation Assistant
08/2016 - 02/2017

Universidad de los Andes
Bogotá, Colombia

Higher Education, Bogotá, Colombia
- Responsible for various activities related to accreditation granted by the international non-governmental organization ABET (Accreditation Board for Engineering and Technology) for the Systems and Computing Engineering program.

EDUCATION

Master's in Software Engineering, Software Engineering
01/2016 - 12/2018

Universidad de Los Andes
Bogotá, Colombia

Computer and systems engineer, Systems Engineering
01/2011 - 12/2016

Universidad de Los Andes
Bogotá, Colombia