Daniel Cordoba Paez

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SKILLS

Languages:	Python, JavaScript/TypeScript, Java, C++, SQL, Ruby, Scala
Databases:	MySQL, PostgreSQL, DynamoDB, MongoDB
Technologies:	HTML, CSS, AWS, Git, React, Flask, Spring, CloudFormation, CDK, Spark, EMR

WORK EXPERIENCE

Amazon, Seattle, WA (Hybrid)   **July 2022 - Present**

Software Engineer I   *February 2024 – Present*

- Executed A/B testing of recommendation strategy improvements on Amazon homepage resulting in $400 million of annualized impact across Amazon retail and establishment as the second most engaged with feature.
- Streamlined and automated dataset compression process using internal tools, CDK, Lambda, and S3 to trigger on data availability reducing setup time from 1 day to 1 hour and increasing reliability from 90% to 99%.
- Generated a new collaborative filtering dataset using Scala and Spark to provide product recommendation candidates for 6 recommendations features on Amazon's mobile homepage.
- Batched service calls for deal validation across our processing flow, resulting in 10% latency reduction for 10,000+ requests per second.

Software Engineer Intern   *June 2023 – August 2023*

- Implemented an alarm-driven deployment abort mechanism to the company-wide CI/CD service, using various AWS services and Java, to provide blast-radius management for 200+ deployments per minute.
- Enabled the configuration of alarm-driven continuous deployment to Amazon's 2 internal CI/CD infrastructure as code tools, enabling customer configuration.

Software Engineer Intern   *July 2022 – December 2022*

- Accelerated project timeline 1.5 weeks by implementing server-side device detection via request headers, using Java and Spring, to extend the "Keep Shopping For" feature, with 12M+ daily users, to desktop.
- Unlocked reconstruction of the personalized "Keep Shopping For" feature for over 60% of Amazon.com customers with Java, Spring, React, and TypeScript to aid in debugging, root causing, and quality assurance.

Factory Wheel Warehouse, East Greenbush, NY (Remote)   **January 2022 – Present**

Software Engineer (1099)   *January 2023 – Present*

- Introduced follow-up notification system for orders approaching ship-by-date requirements, using DynamoDB and Python, reducing order cancellation rate by 60% and late shipments by 80%.
- Saved 10 hours of employee time weekly using Python to automate the processing and reconciliation of purchase orders for drop-shipped customer orders upon invoice reception.

Junior Software Engineer (1099)   *January 2022 – December 2022*

- Reduced employee workload by 50% using Python, AWS Lambda, and AWS EventBridge to automate the existing order importing process of 350+ orders monthly.
- Increased seller fulfillment ratings 100% across all selling platforms using third party REST APIs to automate tracking number management for 350+ orders monthly.

EDUCATION

Western Governors University   **July 2020 – December 2023**
Bachelor of Science, Computer Science

PROJECTS

Effortless Meal Plan   **Co-developer**

- First place submission for two-day MagicHacks online hackathon from March 17, 2023 - March 19, 2023.
- Led project management; completed API integration and recipe face-out front-end components.

Black Sheep Barkeep   **Developer**

- Developed a full-stack web app using MongoDB, Express, React, and Node with access to 600+ recipes.
- Enabled CRUD operations on MongoDB database records using Express to build a REST API.