

Daniel Cordoba Paez

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[LinkedIn](#) | [GitHub](#) | [Website](#)

SKILLS

Languages: Python, JavaScript/TypeScript, Java, C++, SQL
Databases: MySQL, MongoDB, PostgreSQL, DynamoDB
Technologies: HTML, CSS, AWS Lambda, Git, React, Flask, Spring

WORK EXPERIENCE

Amazon Web Services, Software Engineer Intern

June 2023 – August 2023

Seattle, WA (Hybrid)

- Designed a rapid-response alarm-driven deployment abort mechanism using AWS SQS, SNS, DynamoDB, and Java, providing configurable and automated blast radius management for 200+ deployments per minute.

Factory Wheel Warehouse, Software Engineer

January 2023 – June 2023

East Greenbush, NY (Remote)

- Introduced follow-up notification system for orders approaching ship-by requirements, using DynamoDB and Python, reducing order cancellation rate by 50% and decreasing responsibilities of sales representatives.
- Saved 2 hours of employee time daily using Python to automate the processing and reconciliation of purchase orders for drop-shipped customer orders upon invoice reception.
- Simplified vendor integration while reducing process time by a factor of 10 using Python, DynamoDB, MUI, React, and AWS SDKs to implement dynamic processing and create a vendor management web portal.

Amazon, Software Engineer Intern

June 2022 – December 2022

Seattle, WA (Hybrid)

- 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.
- Automated scheduling content for 32 recommendation strategies using Java, AWS Lambda, S3, and CloudWatch to tailor an internal infrastructure-as-code framework, accelerating project timeline 1 week.
- 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.
- Addressed team concerns regarding existing code review process for over 30 repositories using AWS SNS to push notifications to team Slack channels and reduce code review turnaround time.

Factory Wheel Warehouse, Junior Software Engineer

January 2022 – May 2022

East Greenbush, NY (Remote)

- Reduced employee workload by 50% using Python, AWS Lambda, and AWS EventBridge to automate the existing manual order importing process of 350+ orders monthly; identified opportunity to stakeholders.
- Integrated vendor inventories totaling 10,000+ wheels using Python and an FTP server to develop a greedy vendor assignment algorithm and automate purchase order creation for out-sourced orders.
- 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, Remote

July 2020 – December 2023

Bachelor of Science, Computer Science

Relevant Courses: Data Structures, Algorithms, Operating Systems, Machine Learning

PROJECTS

[Effortless Meal Plan](#)

Co-developer

- First place submission for two-day MagicHacks online hackathon from March 17, 2023 - March 19, 2023.
- Facilitated recipe recommendations within user specified nutrient constraints using a third-party API, MUI, and React; 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.