Christopher Haas

Software Engineer

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📍 Seattle, WA (Remote)

BIO

Software Engineer with 4+ years of experience in full-stack development across enterprise and startup environments. Currently optimizing high-traffic systems handling millions transactions for the configuration of L4 networking products, with a passion for building scalable, high-performance solutions.

WORK EXPERIENCE

Software Development Engineer @ AWS - Network Load Balancing (NLB) Control Plane Team | Seattle, WA

SDE II | October 2023 – Present

- Adapted and zonally isolated the existing NLB deletion logic to mitigate risks during rollout while also expediting delivery in order to meet a critical customer deadline for a highly anticipated [feature allowing users to remove availability zones from existing NLBs](#) ultimately enabling customers to reduce their operational costs and overhead of maintaining unused resources.
- Transformed an existing beta feature's design and was the team's sole developer of an automated workflow for [NLB on-demand capacity reservation](#), allowing enterprise customers to preemptively secure network bandwidth for high-traffic events. Worked closely with internal dependency services to iterate through the various constraints of handling large provisioning orders and escalated key design changes to product management to craft a viable customer experience ahead of the official launch at AWS Re:Invent conference 2024.
- Led the design and was the team's sole implementer of AWS Route 53's ARC [Zonal Shift integration for NLBs](#), enabling seamless traffic redirection by availability zone—adopted by over 500K NLBs. Coordinated with five teams to deliver a strategic rollout requiring a backfill and migration of thousands of users to an opt-in model.
- Built an automated resource auditor which identified $1M ARR in leaked resources. Designed a cleanup mechanism to release unused resources while safeguarding production workloads.

SDE I | April 2022 – September 2023

- Diagnosed and resolved issues in high-pressure, ambiguous situations - requiring advanced on-the-spot debugging and root-cause analysis –while also working to address systemic and noisy issues that previously generated 100+ weekly pages which now averages less than 35.
- Led the testing and enablement of 12 public-facing features and multiple internal service upgrades in government-isolated regions, ensuring compliance and code parity across all deployments while adhering to strict change management protocols.
- Organized and optimized the CI/CD pipeline for over 100 deployment stages across 20+ internal services, balancing rapid software delivery with safety by isolating complex environments and ensuring smooth rollouts.

Tech Consultant and Founding Member @ Old Salt Coffee Company

August 2020 – Present | Remote

- Designed, developed, and provided technical guidance for the e-commerce platform built on Shopify's Liquid, supporting an average of $20K+ in monthly sales.
- Engineered and optimized an automated sales pipeline, seamlessly integrating order fulfillment across multiple sales channels, the e-commerce platform, and partner integrations to ensure accurate and efficient delivery by various fulfillment partners.

EDUCATION

Carnegie Mellon University

May 2021 | Pittsburgh,PA

Bachelor of Science in Information Systems
Bachelor of Science in Civil Engineering & Minor in Business Administration

LEADERSHIP

Mentor to 3 new team members, College varsity football team captain

SKILLS

Programming Languages
Java, Python, Ruby, SQL, Swift, HTML/CSS, JavaScript, Liquid

Tools & Platforms
AWS ELB(v2), EC2, Cloudformation, IAM, Cloudwatch, S3, Route53, Git, Heroku, Rails, XCode, Firebase, Shopify, Jekyll, MySQL, Redis, Google Analytics