

Richard Nguyen

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EXPERIENCE

Amazon

February 2022 – March 2023

Software Development Engineer I

Seattle, WA

- Developed an AWS Lambda API that provides AmazonSmile customers on-demand data deletion.
- Created a dashboard to monitor service health and key business metrics with CloudWatch and CDK.
- Added CSRF token validation to enable an ECS service to display campaigns on Amazon's retail website.
- Implemented front-end disclosure changes to Charity Lists to ensure compliance with regulatory laws.
- Performed charity intake procedures to upkeep the % Back donation program for over 1.6 million charities across AmazonSmile regions in North America, The United Kingdom, and Germany.
- Improved user experience on a charity onboarding website by fixing bugs in error handling.
- Enabled the charity support contact form to process messages with special characters.
- Resolved over 250 on-call tickets by identifying and mitigating system impacting issues.
- Technologies Used: Java, JSP, Typescript, AWS (CDK, S3, CloudWatch, Lambda, DynamoDB)

EDUCATION

Oregon State University

December 2021

Bachelor of Science in Computer Science; GPA: 3.84

CERTIFICATIONS

AWS Certified Solutions Architect - Associate

AWS Certified Cloud Practitioner

PROJECTS

Portfolio Website

Javascript, HTML, CSS, Semantic UI | <https://richardvn.github.io/portfolio>

- Built a mobile-friendly portfolio website that showcases personal programming projects.

Pathfinder

Javascript, HTML, CSS, Semantic UI

- Created a hiking website that provides location-based trail discovery and gear recommendations.
- Designed a fitness calculator based off of BMI to enable personalized hiking trail recommendations.

School Database Interface

Python, Flask, PostgreSQL, Javascript, HTML, CSS, Bootstrap 5

- Developed a full stack school relational database management application that allows admins to create, update, and delete data for school faculty and students.

MoodOrange – HackOR 2021

Javascript, HTML, CSS

- Led a hackathon team of 4 people to create a mood diary Google Chrome Extension with customizable colors and songs within a 72-hour event period.

SKILLS

Programming Languages: Python, Java, Typescript, Javascript, HTML, CSS, SQL

Tools: Amazon Web Services, Git, Django, Spring, Flask, Docker, Node.js, jQuery, CI/CD, Agile