

Nickolas Eisele

nickolas_eisele@alumni.brown.edu • (609) 705-2511 • portfolio-nickolas-eiseles-projects.vercel.app

SUMMARY

Full-stack software engineer with 4 years of experience delivering scalable solutions. Built intuitive, reliable front-ends for marketing and e-commerce applications. Developed cloud-native back-end systems with a focus on analytics processing. Maintained operational excellence in CI/CD, automated testing, accessibility, and security. Educational background in AI/ML, graphics, and operating systems.

PROFESSIONAL EXPERIENCE

Amazon (High Volume Hiring)

Arlington, VA • May 2022 - Present

Software Development Engineer II

- Designed/implemented workflows for controlling budgets and intensities of hiring campaigns for 2k+ job sites across multiple continents, contributing to a 20% decrease in cost per application
- Architected an ETL analytics system for Amazon candidate communications, processing 5M+ events daily, and providing marketers insights into communication effectiveness
- Implemented data depersonalization for communication records, ensuring data-anonymity for 500k+ applicants
- Trained multiple team members in front-end development, improving time to deliver UI features

Vistaprint

Remote • Feb 2021 - May 2022

Software Engineer

- Developed a document review process in which customers received email notifications for changes to their product designs, leading to 15% reduction in customer contacts for design issues
- Implemented a session-based system in Firebase to allow customer service agents to partner with clients for editing product designs, increasing design satisfaction metrics by 30%

Amazon (Prime Video)

Seattle, WA • Summers 2019/2020

Software Development Engineer Intern

- Researched/developed an approach for dynamically adjusting streaming quality on Android devices (in response to fluctuating network conditions), resulting in 20% reduction in buffering instances
- Designed and implemented a web application for internal users to configure video-streaming capabilities on various devices, resulting in the replacement of a legacy API

EDUCATION

Brown University

Providence, RI • Class of 2020

Sc.B Computer Science (GPA 3.9)

SKILLS

- Programming Languages: Typescript, Java, Python
- Web: React, HTML, CSS, NodeJS, NextJS, Cypress
- Technical: AWS, CDK/Terraform, SQL, NoSQL