Fides Linga

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Experience

Amazon // Software Development Engineer II   Feb 2021 – Present

- Redesigned Amazon Fulfillment Technologies' (AFT) shipment cancellation workflow, reducing SDE time scaling by leveraging serverless architecture. Result: Annual savings of 20M USD.
- Developed multiple lightweight AWS Lambdas, with alarms and dashboards, to decouple and deprecate a monolithic Spring application.
- Migrated AWS Step Functions workflow serving 30M monthly requests and integrated with internal workflow engine, saving 500k USD annually in cloud infrastructure costs.
- Mentored 2 summer interns, resulting in successful conversions. Scoped intern projects into feasible tasks, provided regular feedback to interns and managers.

Amazon // Software Development Engineer Intern   May 2020 – Aug 2020

- Redesigned and developed internal web application for fulfillment centre associates using React and AWS Lambda, reducing application load time by 5 seconds.
- Developed a new web application for shipment prioritization configuration changes, resulting in significant time savings for developers.

TickTrade Systems // Software Developer Intern   May 2018 – Aug 2019

- Led the redesign of customer analytics dashboard in collaboration with R&D team, reducing the average number of user steps by 50% and enhancing dashboard usability.
- Developed interactive prototypes of Foreign Exchange trader dashboards using Angular 2+ as part of a web platform upgrade project.

Projects

Closetr // Online Closet Tracker Application

- Built app user interfaces with Angular 2+ and back-end APIs with NodeJS and ExpressJS.
- Developed a library of 20+ reusable UI components, including modals, inputs, and containers.
- Designed and implemented high-fidelity prototypes with consistent branding.

Education

University of Toronto   Sep 2015 – Sep 2020
Honours BSc. Computer Science – Software Engineering, CGPA: 3.73/4.00, Dean's List.
Teaching Assistant: Algorithm Design, Human-Computer Interaction, Operating Systems

Skills & Proficiencies

Languages: JavaScript (ES8+), TypeScript, HTML5 + CSS3, Java (Spring)
Frameworks: React, NodeJS, Sass, AWS (CDK, Lambda, Cloudwatch, Step Functions, DDB)