Rick Lan

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WORK EXPERIENCE

Amazon   Toronto, ON
FEE 1 (AWS Quicksight)   December 2022 - Present
- Enhanced AWS QuickSight's frontend using **React** combined with **Typescript**
- Refactored codebase and removed unused legacy code to decrease latency by 10%
- Researched and authored a document on best practices for **React Testing Library**,
  helping 15% more software engineers get familiar with it
- Increased code coverage by 10% by writing unit and integration tests using **Jest** and **React Testing Library**

SDE 1 (Supply Chain)   June 2022 - December 2022
- Maintained and updated an internal portal using **SpringBoot**, **React** combined with **Typescript**,
  AWS DynamoDB and **AWS S3** that allows vendors to ship their products all over the world
- Decreased traffic latency by 5% by migrating the usage of a new internal translation tool
- Authored an oncall runbook helping new employees get started earlier by 33%
- Coordinated a major project across 8 teams to ensure 25% more vendors are paid on time
- Increased code coverage by 5% by writing unit tests using **Junit** and **Mockito**

University of Toronto   Toronto, ON
Teaching Assistant (Introduction to Databases and Web Applications)   January 2022 - April 2022
- Educated over 50% of the class on **HTML, JavaScript, CSS, Flask, SQL, web development** and **Git**
- Published supplemental lecture notes and videos, helping students understand concepts better
- Answered hundreds of questions on the course discussion board quickly

Public Services and Procurement Canada   Toronto, ON
Fullstack Web Developer   May 2021 - December 2021
- Designed and engineered a financial reporting template using **Vue**, **Laravel**, and **Microsoft SQL Server**
  achieving a 75% reduction in submission time for clients
- Improved performance by 5% by refactoring the codebase to make it more readable, modular and efficient
- Reduced onboarding time for new interns by 25% by spearheading the initiative to update my team's internal
  documentation, authoring a **Git** guide and educating them on **web development** and **SQL**

TD Canada Trust   Toronto, ON
L2 IT Analyst   May 2019 - January 2020
- Worked in a fast paced environment to provide support for web applications run on **Unix** servers
- Increased my team's productivity by over 75% by implementing a **Python** library to automate labour intensive tasks

SKILLS

Languages: Python, Java, PHP, HTML, JavaScript, TypeScript, CSS
Frameworks/Libraries: Flask, React, Vue, Node.JS, Express, Laravel, SpringBoot
Databases: PostgreSQL, Microsoft SQL Server, MongoDB, AWS DynamoDB, Redis
Testing Tools: Pytest, Junit, Mockito, Jest, React Testing Library
Developer Tools: AWS, Git, Github Actions, Heroku, Jira, Postman, Unix

EDUCATION

University of Toronto   September 2017 - April 2022
- Specializing in Software Engineering, HB.Sc. Candidate