

FAIZAH SAYYID

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TECHNICAL SKILLS

Programming Languages: Python, Java, C, C#, HTML, CSS, JavaScript

Frontend Frameworks: React, Next.js, Vue, Redux, Angular, Bootstrap, Tailwind, Jest, Playwright

Backend Frameworks & Databases: Express, GraphQL, Django, Spring Boot, PostgreSQL, MySQL, MongoDB

Software & Tools: Figma, AWS, Linux, CircleCI, Git, Docker, Makefile, Jira, Heroku, Ngrok

EXPERIENCE

BorderPass

Toronto, ON

Software Engineer

May 2023 – Present

- **Reduced** lawyers' immigration review time by 75% through **automations**, including an applicant-friendly interface, organized dashboard, auto-generated documents, **OpenAI** integrations, **PDF auto-filling**, and **automated emails**.
- **Increased** application filing rate 5x by developing a **Chrome extension** that **auto-fills** IRCC forms with user data.
- Implemented judicial review requests, allowing lawyers to refute study permit refusals on behalf of users, thereby improving **customer satisfaction** and generating **\$55K in revenue in its first 6 months**.
- Engineered a robust **Data ETL** (Extract, Transform, Load) pipeline utilizing **AWS Redshift**, **DMS**, and **RDS**.
- Integrated ETL pipeline with **GoodData** and **collaborated** with the sales team to create impactful data visualizations, resulting in a **2x increase** in business partner prospect conversion.
- Implemented **E2E testing** in the **CI/CD pipeline** by developing initial tests for **5 critical application flows** and **dockerizing** the app, **reducing deployment time by 30%** by eliminating manual QA checks.
- **Collaborated** with the product team to **plan projects** iteratively and establish **realistic timelines**
- **Mentored** interns by providing code walk-throughs and collaborating on approaches to complete assigned tasks.

LiteFarm

Vancouver, BC

Software Engineer Intern

May 2022 – Aug 2022

- **Enhanced accessibility** for **thousands** of farmers **globally** by expanding support to **5 languages** and optimizing background services for **slower connections**, ensuring timely task completion **notifications**.
- Developed **scheduled notifications** to remind farmers of their daily work, thereby **increasing engagement by 10%**.
- **Reduced user drop-off by 50%** on bulk file uploads feature by exposing detailed **input validation errors**.

TechRangle

Toronto, ON

Software Engineer Intern

May 2021 – Aug 2021

- Developed a **dynamic chatbot API** enabling on-demand edits to onboarding, boosting success rates by **30%**.
- Implemented **UI** from **Figma designs** to showcase real estate offers and agents to **thousands** of users.

University of Toronto

Toronto, ON

Teaching Assistant

Jan 2023 – Apr 2023

- **Taught** and **graded** labs for CSC258 - **Computer Organization** and provided assistance to students on **hardware**, **digital logic**, and **assembly coding** questions.

Intelligent Adaptive Interventions Labs

Toronto, ON

Research Assistant

May 2021 – Aug 2021

- Worked on an experiment for **Mental Health America (MHA)**, and took the **initiative** to **automate** SMS messages using the **Twilio API** and **cron jobs**, thereby **reducing volunteer work** on this experiment by **70%**

EDUCATION

University of Toronto

Toronto, ON

Bachelor of Science, Computer Science

Nov 2024

- **Relevant Coursework:** Software Engineering, Databases, Object-Oriented Programming, Operating Systems, Artificial Intelligence, Data Structures, Algorithms, HCI, UI/UX, Discrete Mathematics, Linear Algebra, Calculus
- **Scholarships:** Ted Mossman Scholarship, Dr. James A. & Connie P. Dickson Scholarship
- **Awards:** Dean's List Scholar in the Faculty of Arts & Science 2020-2024

PROJECTS

SEM:ANTICS | React, Bootstrap, Express, Firebase, Cohere API

Jan 2023

- Was a **finalist** at **SheHacks+** 7 working with a team of four to develop a **web application** in **36 hours** that analyzes the formality and tone of emails by leveraging Cohere's LLMs.
- **Awarded** both **Cohere - Best Use of Prompt Engineering** and **CGI - Best Leadership Development Game**.