

Tyler Trinh

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EDUCATION

Simon Fraser University

BS in Computer Science

Sept 2016 - Dec 2022

EXPERIENCE

SAP

Intermediate Developer

Junior Developer

Developer (co-op)

Vancouver, BC

Apr 2024 - Present

Jul 2022 - Apr 2024

Jan 2022 - Jun 2022

- Spearheaded a Redis infrastructure cost-saving initiative, delivering nearly \$4M in annual savings
- Topic owner for a microservice processing ~5M daily requests with 99.9% uptime
- Implemented protections against leaked database connections to prevent OOM failures

Computer Programs at CLCI (SD43)

Volunteer Instructor

Coquitlam, BC

Oct 2021 - Dec 2021

- Designed and delivered a web design and development course for middle school students
- Mentored students on HTML and CSS, reinforcing core web development concepts and design
- Trained 10 students to build and deploy static websites using HTML, CSS, and GitHub Pages

Zari Enterprises

Web Developer (part-time)

Abbotsford, BC

Jun 2021 - Dec 2021

- Built a Gatsby-powered marketing site for a beauty salon, highlighting services, rates, and work
- Implemented Square POS integration for seamless payments and appointment scheduling
- Led requirements discovery with the client and recommended cost-effective technical solutions

Simon Fraser University

Full Stack Developer (co-op)

Burnaby, BC

May 2021 – Dec 2021

- Developed a web application to help IT staff discover new career opportunities
- Built frontend using Angular, building the primary UI and interactive organizational charts
- Refactored legacy payroll applications in React to improve maintainability and usability

FABCYCLE

Full Stack Developer (co-op)

Vancouver, BC

Jan 2021 – Apr 2021

- Built a web application using Express and React to streamline fabric data entry into Shopify
- Implemented a camera module to capture and associate product images directly with Shopify listings
- Conducted load testing with k6 to validate server performance under peak traffic

SKILLS

- **Coding:** Javascript/Typescript, Python, and Java
- **Web development:** Express, React, Gatsby, Angular, Bootstrap, HTML, and CSS
- **Tools:** Kubernetes, Git, GitHub Actions, Jenkins, PostgreSQL, SQLite, and MongoDB
- **Deployment:** Google Cloud Platform, Docker, Nginx, and Namecheap