Selina Li

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🔧 SKILLS

- **Languages**: Java, Ruby, C#, Kotlin, C, C++, Python, GraphQL, SQL, JavaScript/TypeScript
- **Technologies**: Spring Boot, Ruby on Rails, React, Ktor, ASP.NET, Angular, Apache Kafka, Apache Beam, Kinesis, Elasticsearch, Redis, PostgreSQL, SQL Server, MySQL, Liquibase, GCP, AWS Lambda, DataDog

🖥 WORK EXPERIENCES

Verily (fka Google Life Sciences)   **Kitchener, ON, Canada**
Software Developer   *June 2024 – Oct 2024*

- Developed reusable <u>React</u> components to enhance design consistency and implemented solutions for Verily's precision health platform, accelerating evidence generation for safer treatments and care decisions.
- Integrated <u>Cypress Cloud</u> Accessibility tests, replacing existing Axe-based tests, to improve coverage by testing every unique application state and ensuring continuous accessibility compliance.

StackAdapt   **Toronto, ON, Canada**
Fullstack Software Developer   *September 2023 - December 2023*

- Engineered a <u>Ruby on Rails</u> and <u>React</u> project to establish guardrails for customers constructing programmatic advertising campaigns, achieving a <u>50% reduction in cycle time</u> between campaign rejection and approval.
- Created <u>internal tools</u> to build crucial features and tooling, employing automation to enhance productivity, efficiency, and scalability for customer-focused teams, fostering streamlined core business functions.

WealthSimple   **Toronto, ON, Canada**
Backend Software Developer   *January 2023 - April 2023*

- Sustained <u>Spring Boot</u> microservices to implement real-time accounting flows for over 2 million clients, ensuring accurate and up-to-date information about their financial holdings.
- Developed and integrated <u>GraphQL</u> and <u>Apache Kafka</u> for efficient communication with upstream and downstream services, implemented comprehensive monitoring alerts, and provided rapid hot fixes.

Loblaw Companies Ltd.   **Toronto, ON, Canada**
Backend Software Developer   *January 2022 - April 2022*

- Optimized an <u>Elasticsearch-based</u> e-commerce <u>search microservice</u> by implementing features like fuzzy search and auto-complete, resulting in faster and more accurate product search.
- Developed data processing pipelines using <u>Google Cloud Dataflow</u> and <u>Apache Beam</u> to perform batch and stream processing on Elasticsearch data, integrating with Pub/Sub for further analysis.

University of Waterloo   **Waterloo, ON, Canada**
Fullstack Software Developer   *May 2021 - August 2021, September 2020 - December 2020*

- Enhanced and maintained a web application using <u>AngularJS</u>, <u>ASP.NET</u>, and <u>SQL Server</u> for the Engineering Faculty of University of Waterloo, enabling professors to find, interview, rank, and hire TAs.
- Improved the emailing system to provide timely notifications to TAs and professors and developed an algorithm to match them after interviews based on mutual ranking results.

Dealer-FX   **Markham, ON, Canada**
Fullstack Software Developer   *January 2020 - April 2020*

- Developed features in a <u>ASP.NET</u> and <u>Angular-based</u> web application that provides sales tools to car dealers.
- Utilized <u>AWS Lambda</u> to securely process Amazon SQS messages and route to VPC-specific Lambdas.

XYebank   **Chengdu, Sichuan, China**
Backend Software Developer   *June 2019 - August 2019*

- Designed and implemented Spring Boot endpoints using <u>Redis</u> caching, reducing data access latency by 60%.
- Conducted API load testing with <u>Apache JMeter</u>, boosting scalability and improving response time by 75%.

🏛 EDUCATION

University of Waterloo   **Waterloo, ON, Canada**
Bachelor's Computer Engineering   *September 2019 - April 2024*