

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 – present

- Developed reusable React components for Verily's product suite, enhancing design system consistency.
- Designed and implemented comprehensive solutions for the Verily precision health platform, a patient-centered engine that accelerates evidence generation for safer, more effective treatments and care decisions.

StackAdapt

Toronto, ON, Canada

Fullstack Software Developer

September 2023 - December 2023

- Engineered a Ruby on Rails and React project to establish guardrails for customers constructing programmatic advertising campaigns, achieving a 50% reduction in cycle time between campaign rejection and approval.
- Created internal tools 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 Spring Boot 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 GraphQL and Apache Kafka 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 Elasticsearch-based e-commerce search microservice by implementing features like fuzzy search and auto-complete, resulting in faster and more accurate product search.
- Developed data processing pipelines using Google Cloud Dataflow and Apache Beam 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 AngularJS, ASP.NET, and SQL Server 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 ASP.NET and Angular-based web application that provides sales tools to car dealers.
- Utilized AWS Lambda 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 Redis caching, reducing data access latency by 60%.
- Conducted API load testing with Apache JMeter, boosting scalability and improving response time by 75%.

EDUCATION

University of Waterloo

Waterloo, ON, Canada

Bachelor's Computer Engineering

September 2019 - April 2024