

Diane Ding

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EDUCATION

University of Waterloo

Sep. 2018 – May 2023

Honours Bachelor of Computer Science, Data Science

SUMMARY OF QUALIFICATIONS

- Proficient in **Go, TypeScript, JavaScript, Python, C/C++, Java, Kotlin, React, and SQL**.
- Specialized in designing scalable **GraphQL** and **REST APIs** with focus on observability and metrics.
- Experienced with **DevOps** tools such as **Docker, Jenkins, and Jira** to optimize CI/CD pipelines and team collaboration.
- Hands-on experience leveraging **AWS (CDK, SDK)** for deploying and managing cloud-native applications.

WORK EXPERIENCE

Remitly

May. 2025 – Present

Software Development Engineer

Vancouver, Canada

- Led a GraphQL lift-and-shift initiative, including schema design and metrics data creation to ensure reliable migration and observability.
- Drove external dependency policy compliance updates, analyzing service chains and updating policies. Secured uninterrupted production support across critical services.
- Set up CI/CD pipelines and defined deployment standards for a new service, improving release reliability and consistency.
- Contributed to service development with AWS DynamoDB and Go, enhancing scalability and performance of cloud-native applications.

Amazon

Aug. 2023 – Apr. 2025

Software Development Engineer

Vancouver, Canada

- Drove the architecture and implemented a comprehensive logging and traceability library with multiple AWS services and tools. The library reduced developers' time by 50% with comprehensive log visualization and cross-account observability.
- Resolved content delivery network authentication issues by integrating Service Worker into a Ruby monolith application, enabling full access for its mobile users.
- Delivered AWS CDK template packages, increasing cross-team deployment efficiency and reducing integration issues by standardizing package usage.
- Conducted design reviews for peer engineers, providing actionable feedback that optimized system integration performance.
- Ensured stable service maintenance during on-call shifts, resolving critical incidents with a 10-minute average response time.
- Created Java APIs for engineers to improve cross-application communication, enhancing data exchange.
- Improved application performance by coordinating across teams to upgrade core dependencies for a Ruby monolith application.