

XIA LIN

Software Engineer

Toronto, ON | (639) 382-8460 | xiathedev@gmail.com

PROFESSIONAL SUMMARY

Full Stack Software Engineer with extensive experience developing scalable e-commerce solutions at Shopify, complemented by diverse internships at tech and financial institutions. Proven track record of optimizing system performance, reducing operational costs, and improving developer productivity through innovative technical solutions. Passionate about building user-centric applications that handle millions of transactions while maintaining exceptional performance and reliability.

PROFESSIONAL EXPERIENCE

FULL STACK DEVELOPER | Shopify | *May 2023 – Present*

- Leading development of merchant analytics dashboard serving 10,000+ stores daily
- Built real-time inventory sync system reducing out-of-stock incidents by 35%
- Architected and shipped GraphQL API endpoints handling 2M+ daily requests
- Mentoring 2 junior developers and leading technical interviews for engineering team
- Key Deliverables:
 - Implemented bulk product update feature reducing merchant processing time by 60%
 - Developed automated tax calculation system for international transactions
 - Created performance monitoring dashboard using DataDog and New Relic

SENIOR DEVELOPER INTERN | Shopify | *Winter 2022*

- Developed checkout optimization features reducing cart abandonment by 15%
- Led team of 3 interns in rebuilding merchant notification system
- Implemented A/B testing framework for payment flow optimization
- Key Achievements:
 - Reduced API response time by 40% through query optimization
 - Created developer documentation improving onboarding time by 25%

FULL STACK DEVELOPER INTERN | Shopify | Summer 2021

- Built responsive admin dashboard using React and GraphQL
- Implemented payment processing system handling \$1M+ daily transactions
- Contributed to migration from REST to GraphQL reducing API calls by 30%
- Key Projects:
 - Developed automated refund processing system
 - Created analytics dashboard for merchant insights

BACKEND DEVELOPER INTERN | Shopify | Fall 2020

- Developed Ruby on Rails microservices for inventory management
- Created API endpoints handling 500K+ daily requests
- Implemented caching system reducing database load by 25%

SOFTWARE DEVELOPER CO-OP | Blackberry | Winter 2020

- Developed security features for enterprise mobile applications
- Created automated testing suite reducing QA time by 40%
- Contributed to mobile security framework used by 100+ enterprise clients

DEVELOPER INTERN | TD Bank | Summer 2019

- Built internal tools for transaction monitoring and fraud detection
- Developed REST APIs for financial data processing
- Created automated reporting system for compliance team

TECHNICAL SKILLS

- **Web Development:** React, TypeScript, Next.js, GraphQL, Redux, Tailwind CSS, Ruby on Rails, Node.js, Express, PostgreSQL, Redis
- **Infrastructure:** Docker, Kubernetes, AWS, CI/CD, Git
- **Testing & Monitoring:** Jest, RSpec, DataDog, New Relic
- **Development Tools:** Jira, Figma, Postman, VS Code

EDUCATION

Bachelor of Software Engineering | University of Waterloo (2018 - 2023)

- Graduated with Distinction (3.8/4.0 GPA)
- Core member of Engineering Society Software Committee - led team of 5 on student portal project
- Selected for Advanced Algorithms Research Project under Dr. Wei Zhang
- Senior Thesis: "Optimizing Microservice Communication Patterns in High-Load Systems"
- Core coursework: Distributed Systems, Cloud Architecture, Database Systems, Data Structures & Algorithms
- Teaching Assistant for CS136 (Algorithms & Data Structures) and CS350 (Operating Systems)