

# Christine Lin

Software Engineer, Toronto ON

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## SKILLS

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**Languages:** Python, JavaScript (ES6+), SQL, HTML5, CSS3

**Frameworks & Libraries:** Flask, React, Node.js, Express.js,

**Databases & Tools:** PostgreSQL, Git, GitHub, Postman, Render, Vercel

**Engineering Practices:** OOP, Test-Driven Development (TDD), Agile/Scrum (JIRA), RESTful API Design, Database Design

## TECHNICAL PROJECTS

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**wanderly** | Python, Flask, PostgreSQL, Javascript

[Live Demo](#) | [GitHub](#)

- Architected full-stack application from Figma wireframes and ERD design to production, implementing Flask backend with normalized PostgreSQL (5+ normalized tables), user authentication, and responsive frontend.
- Designed relational schema for multi-day itineraries with activity scheduling and cost aggregation, implementing server-side validation, pagination, and session management.

**Additional Projects:** CLI Expense Tracker (Python), Content Management System (Python), Todo App (JavaScript/React)

## EXPERIENCE

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**Software Developer (Contract), Freelance, Toronto**

**2025 - Present**

- Developed custom, responsive business websites for retail clients using React, implementing modern UI/UX patterns to establish their online brand presence.
- Collaborated with clients on requirements gathering and UI/UX decisions, iterating on design based on feedback to align with existing business workflow.

**Oracle Practice Lead, RedIron Technologies, Toronto**

**2021 - 2025**

- Spearheaded Oracle Cloud partnership, overseeing the technical roadmap and establishing the infrastructure to launch 3 SaaS offerings across 8 multinational retailers.
- Led Agile sprint cycles for RI Transact (PWA), coordinating user story refinement, backlog planning, and testing to deliver a mobile-first retail extension to production.
- Orchestrated the OCI enablement for RI Commerce, coordinating technical resources between internal and Oracle engineering teams to accelerate time-to-market, securing an 855-store deployment with \$800K ARR.
- Defined technical documentation for Pulse (formerly Enterprise X-Ray), an observability platform, translating complex log ingestion and monitoring capabilities into adoption strategies for a 500+ store rollout.

## EDUCATION & TECHNICAL TRAINING

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**Launch School** | Software Engineering (Core Curriculum)

**2025**

- Completed the mastery-based Python curriculum (**1,200+ hours**) covering OOP, SQL/Relational Databases, Networked Applications, and Web Application Architecture.
- Passed all rigorous written and oral assessments with distinction to demonstrate mastery of software fundamentals.

**University of Helsinki** | Full Stack Open

**2025 - Present**

- Currently completing advanced full-stack curriculum covering React, REST APIs, Node.js/Express, CI/CD, and Containerization.

**Ivey Business School, Western University** | Bachelor of Arts, Honors Business Administration

**2017 - 2021**

- **SheHacksIV Winner (2020):** Built award-winning medication reminder app [Dose](#) out of 199 participants.

## Certifications

Certified Scrum Product Owner (Scrum Alliance, 2024)

Agile Project Management (Google, 2023)