

Evelyn Chiew

e.chiew@outlook.com | (780) 966-6752 | [linkedin.com/in/evelyn-chiew-072bb2279/](https://www.linkedin.com/in/evelyn-chiew-072bb2279/) | echiewe.github.io/portfolio

Computing science student graduating in April 2026 with 2 years of experience in the software industry, specializing in web architecture, LLM integration, full-stack application development, and legacy system maintenance and support.

Education

BSc in Computing Science, TA for CMPUT 272, 300, 302

Sept 2021 - Apr 2026

University of Alberta

GPA: 3.4

Relevant Courses: Web Applications and Architecture, Software Quality, HCI, Database Management, Algorithms I + II

Technical Skills

Languages: Python, Java, C, SQL, .NET, VB.NET, XML, JavaScript, TypeScript, HTML/CSS, Tailwind CSS, MATLAB, R

Frameworks: React, Next.js, Spring boot, Django, JUnit, Mockito

Developer Tools: Docker, CloudFlare, Git, Github Actions, Vercel, Agentic AI, VSCode, Linux

Work Experience

Software Engineer

Sept 2025 - Present

Nestuity

Docker, Cybera, Next.js, TypeScript, Tailwind CSS, Spring Boot, Java, Postgres

Built a web application that provides mental relief to new parents via pricing insights and a usage calculator for essentials

- designed and implemented a responsive, accessible user interface using Next.js and TypeScript, integrated with RESTful Spring boot APIs, and built end-to-end Cypress tests that validated all core user flows
- containerized and deployed the full application stack using Docker, ensuring consistent runtime environments, and coordinated cloud deployment through Cybera for reliable production hosting

Implementation Consultant Intern

May 2024 - May 2025

Fast Enterprises, LLC (Government of Ontario)

.NET, Visual Basic, SQL

Provided day-to-day support for a legacy internal platform used by more than 50,000 government employees daily

- frequently implemented changes and fixes with government clients, coordinating testing and migrations across multiple environments and throughout various government departments
- streamlined the submission and processing of tax returns by developing XML schemas and mapping information across platforms

Projects

JasChat

Next.js, React, Postgres, CloudFlare, Vercel

A real-time chat application with encrypted messaging and a custom message reaction feature

- built a PostgreSQL backend with optimized indexed queries for efficient data retrieval and row-level security so users can only access their own data, and implemented secure authentication and backend logic using JWT and Next.js server actions to prevent client-side exposure of sensitive operations
- built and deployed a CI/CD pipeline with GitHub Actions and Vercel, and optimized media delivery using Cloudflare for low-latency, cost-efficient image handling

Distributed Social Network

Django, Python, Postgres, REST APIs, HTML, CSS, JavaScript

A social media web application where users can post, like, comment, and follow other users

- built and integrated RESTful APIs in Django and Python to support the main features, deployed via Heroku with automated pipelines, and backed by a scalable PostgreSQL database
- lead the integration of other social network applications to enable app-to-app communication, gaining an excellent understanding of RESTful APIs, HTTP requests and responses, and JSON data parsing

Workout4U

Next.js, React, HTML, CSS, TypeScript, AgentFlow

Creates workouts based on users' muscle group preferences to make working out easier and more accessible

- designed and implemented a multi-agent workflow using AgentFlow's asynchronous architecture, distributing workout-generation tasks across specialized agents and orchestrating their outputs into a unified, optimized training plan

Grocery Store Profitability

R, RStudio, Python, SQL, SQLite Studio

Optimized profitability for a grocery store by customer type and promotional targeting

- cleaned, engineered, and analyzed real-world datasets to identify profit-driving patterns, leveraging advanced SQL querying and Python-based data exploration workflows