

Binye Liu

Web Developer

437-345-6849 | lby2024gl@gmail.com | [linkedin.com/in/binye-liu-ab5bba2b5/](https://www.linkedin.com/in/binye-liu-ab5bba2b5/) | github.com/GLoryforRichard | Toronto, ON

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, TypeScript, HTML, CSS, C#, SQL, PHP

Frameworks & Libraries: Spring Boot, NodeJS, React, NextJs, Express, .NET Core, Tailwind CSS

Systems & Database: MySQL, MongoDB, PostgreSQL, Git, Prisma ORM, OracleSQL

Soft Skills: Agile Development, Communication, Leadership, Time Management

EDUCATION

George Brown College

Advance Diploma in Computer Programming and Analysis

September 2021 – April 2024

Toronto, ON

PROJECTS

E-commerce | Next.js 13, App Router, React, Tailwind CSS, Prisma, MySQL | ecommerce.vercel.app

- **Conceptualized and developed** a comprehensive e-commerce platform using Next.js for a seamless user journey.
- **Implemented essential features** such as user authentication, product listings, shopping carts, and order management systems.
- **Utilized Prisma** for object-relational mapping (ORM), streamlining database interactions and operations.

Food-Ordering-Platform | React, Node.js, MongoDB, Authentication, Stripe | [gourmet-delivery-hub](https://gourmet-delivery-hub.com)

- **Engineered** a robust food ordering platform, designed to facilitate the easy discovery and delivery of gourmet meals.
- **Implemented a secure authentication system** to protect user accounts and personal information, ensuring trust and safety.
- **Integrated MongoDB** for a high-performance database, enabling efficient storage and retrieval of menu items and customer orders.
- **Incorporated Stripe API** for a seamless payment experience, allowing for secure and versatile payment options.

Friend-Matching-Application | Vue 3, Java Spring Boot, MySQL, Redis | friendship-circle-match.live

- **Architected** a friend-matching web application that leverages shared interests to connect like-minded individuals.
- **Developed and integrated advanced features** such as distributed logins, real-time notifications, and automated engagement tasks.
- **Mastered backend system architecture**, implementing Redis for caching and session management to ensure optimal performance.

Compose Search Engine | Vue 3, Java Spring Boot, MySQL, Elastic Stack | composer-query-engine.music

- **Designed and built** a specialized search engine tailored for music composers, with advanced filtering and search capabilities.
- **Incorporated Elastic Stack** to enhance search functionality, enabling users to perform granular searches with ease.
- **Utilized web scraping tools** like Jsoup and HttpClient to curate and maintain an extensive database of compositions and composer information.
- **Implemented design patterns** such as Facade, Adapter, and Registry to organize code effectively, facilitating maintainability and scalability.