Michael (He Yang) Li

Michaelxkayo@hotmail.com • +1 (905) 616 8745 • https://github.com/kayoMichael

---

University of Waterloo	Waterloo, ON
Bachelor of Mathematics (Co-op)	September 2021 – April 2026

Appleby College	Oakville, ON
High School Diploma	September 2017 - June 2021

TECHNICAL SKILLS

- Python
- React/NextJs
- TypeScript/JavaScript
- Ruby on Rails
- NodeJs/Express
- MySQL
- Prisma/Mongoose
- HTML/CSS/Tailwind
- AWS
- Firebase/Supabase

Internship Experience

Enju ltd.   Jan 2024 – Present
FullStack Engineer Intern -> Freelance Engineer
- Developed a Full Stack Translation SaaS Web App using **NextJS** App Router, **React, Tailwind, ShadcnUI** and **Firebase**
- Structured and Designed Relevant Firestore Data Models to ensure data integrity and typesafety for the schema-less database
- Implemented a Layers Architecture Approach to separate concerns and ensure code maintainability and scalability.

Kaima Data ltd.   May 2023 -Aug 2023
Software Engineer Intern
- Contributed to the development of the company's payment portal, leveraging **ReactJs, NodeJS,** and **GraphQL** to create a user-friendly and efficient payment experience for customers.
- Implemented **GraphQL** models and queries to fetch and display data dynamically, enhancing user experiences with real-time updates and responsive web applications.

Everforth ltd.   Nov 2022 -Present
Freelance Backend Engineer
- Developing a Serverless Mobile and Web application centered around health safety in the workplace and managing disease control.
- Developed and deployed several **AWS Lambda** with the **Serverless Framework** using **Python** and **NodeJS**.
- Designed and developed a scalable **AWS Step Functions** workflow to analyze data and update an Amazon **Aurora** Database accordingly to event-driven architecture.

Weseek Inc.   May 2022 -Aug 2022
Software Engineer Intern
- Fullstack intern developing a portal site for an Internet Exchange Service.
- Constructed Migration Files and Performed CRUD operations using **Active Record**
- Utilized MVC principles and **Ruby on Rails** for backend development, prioritizing the creation of maintainable and scalable code.
- Utilized A**ngularJS, Typescript** and **Bootstrap** to develop front end pages with caching and no refresh rendering .

Projects

Ticket Management App
- Developed a Full Stack Ticket Management App using **NextJS**, **Tailwind** and **DaisyUI**.
- Utilized **Prisma** ORM and **MySQL** Database for storing Tickets and executing CRUD operations using server actions.
- Setup Authentication using **NextAuth** and **JWT**.