# Andy Li

Software Engineer

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## SUMMARY

- Enthusiastic and efficient full-stack developer with hands-on experience in the logistic and e-commerce industry, with frontend (React, Vue, Angular), and backend technologies (Nest.js, Express.js, Java Spring, Go)
- Always initiate and volunteer to be responsible for different projects
- Capable of coping with others to achieve various targets and goals
- Legal to work in Canada without employer sponsorship

## WORK EXPERIENCE

### Lalamove - International logistic company
2022 - 2023

*Full Stack Software Engineer*

- Programmed a backend service with **Go**, **MySQL**, and **Kafka** which receives 30k+ HTTP requests from clients to create quotations and orders each week
- Integrated **Redis** in an existing API service which reduced response time by 10 times for 100k+ incoming HTTP requests daily across 20+ countries
- Designed a corporate management backend service leveraging **Java Spring** and **Event Sourcing** techniques
- Wrote unit test cases for an order placing service and enhanced the test coverage by 100%
- Discussed with other teams about feature demands and proposed a tech solution to my team
- Troubleshoot issues in the production environment by utilizing **Elasticsearch** and setting up alerts in **OpenSearch**
- Analyzed, designed, and documented solutions for supporting external platforms
- Wrote documents regarding the changes and coordinated with involved teams

### Vizualize Limited - Regional e-commerce platform provider
2021 - 2022

*Software Developer*

- Developed a multi-platform e-commerce mobile application with **Flutter** and **Nest.js**
- Implemented different payment methods, such as Stripe and Alipay, in an e-commerce platform
- Architected an order processing service using **Angular**, **Nest.js**, **TypeORM**, and **MySQL**
- Communicated with clients to deliver a satisfying product

### Aigniter Holdings - Local payment service provider and e-commerce platform
2020 - 2021

*Software Engineer*

- Established a multi-platform mobile application using **Flutter** with 10k+ downloads on the Play Store
- Constructed an internal dashboard with **Vue** and **Express.js** to show real-time statistics on revenue and business performance
- Created and presented demos for the product team to show what the team achieved

## CERTIFICATION

- [Google Data Analytics Specialization](#) - Coursera

## PROJECTS

### [Self Portfolio](#) ([Front-end](#) and [Back-end](#))

- A full-stack self portfolio utilizing **React (Next.js), Node.js (Nest.js)**

### [Delivery Order Simulation](#)

- An API microservice simulating receiving orders using **Nest.js**, **TypeScript**, **Docker**

### [Epidemic Simulation](#)

- A **Python** program simulating epidemics based on different models and data

### [Home Workout Detector](#)

- A web app for users to exercise in front of a camera and have a score based on their performance using **Vue**

## SKILLS

- Programming Languages: Python, TypeScript, JavaScript, Dart, Go, Java, PHP
- Frameworks and Tools: Flutter, Vue, Angular, React, Next.js, Node.js, Nest.js, Express.js, Java Spring, MySQL, Kafka, Redis, GitHub, Docker, OpenSearch, JIRA, Git, SQL, Agile (Scrum), Linux
- Spoken Languages: English, Mandarin, Cantonese

## EDUCATION

### The Chinese University of Hong Kong, Hong Kong
2017 - 2021

*Bachelor of Science - BS, Computer Science (Verified by [World Education Services](#))*

### McGill University, Canada
2020

*Exchange Program*