

## Summary of Qualifications

- An aspiring Full Stack Web Developer with a strong passion for producing robust, well-designed web solutions throughout the Web Development Life Cycle.
- Knowledgeable in design, installation, testing and maintenance of web systems - application architecture, design input, site layout, user interface, database design, programming, and API interfaces.
- Strong grasp of in-demand web development technologies – HTML5, CSS3, JavaScript, PHP, Java, MySQL, REST APIs and CSS preprocessors.
- Demonstrated experience applying best practices for web accessibility, usability, and technical implementation.

## Technical Proficiency

- **Web Development:** HTML5, CSS3, Bulma, Element UI JavaScript – React.js, Vue.js, Express / Node.js, jQuery, Redux, Bootstrap, PHP, Python, Spring Boot, Java, Spring MVC, REST API, My SQL; CMS (Wordpress)
- **Databases & Technical Tools:** MySQL, MS SQL Server, MongoDB, version control (Git)

## Education

### FULLSTACK WEB DEVELOPMENT BOOTCAMP | UCAREER | AUG 2021

- WEB DEVELOPMENT IN HTML, CSS, JAVASCRIPT, JAVA, PHP, SQL, GIT; Web Dev Practicum with Bitco

### MASTER OF ENGINEERING – ADVANCED MATERIALS & ENGINEERING | UNIVERSITY OF OTTAWA | JUNE 2021

### BACHELOR OF MATERIALS SCIENCE AND ENGINEERING | BEIJING UNIVERSITY OF TECHNOLOGY | JULY 2019

## Experiences

### WEB DEVELOPER | WS & COMPANY | 11/2021 - 12/2021 (LEFT DUE TO PANDEMIC)

- Worked with business and department leaders (Accounting, Purchasing, Inventory, Warehouse, e-Commerce, Sales, etc.) to maintain and enhance the existing company-wide ERP platform.
- Supported the ERP system's migration from PHP to react, and independently implemented plan to support site-wide front-end development strategy by React.js and React Hooks.
- Improved user-authentication process by adding reCAPTCHA from Google that verifies real users and blocks bots.
- Developed back-end Restful API by node.js.; performed MySQL Database backup and maintenance.
- Coordinated testing strategy during test phases of the project such as Integration Testing, QA and UAT by coordinating with technical and business teams
- Oversaw day-to-day operations of computer networks - hardware/software support, training, and special projects.

### WEB DEVELOPER INTERN | ALBA INC. | 08/2021 – 10/2021

- Assisted the outsourced development team with ERP renovation using HTML, CSS, JavaScript, PHP, and MySQL, enabling features such as appointment scheduling, push notifications, and file uploads.
- Applied version control software (Git) to track, test, and update pre-existing source code.

## Side Projects

### BACKEND MANAGEMENT SYSTEM | 03/2022 – PRESENT

- Developed a back-end management system in Vue.js, encompassing Login page, Home page and User page.
- Built a back-end chat room functionality using react.js, express, and socket.io.

### RESTAURANT MANAGEMENT SYSTEM | 06/2021 – 07/2021

- Coded a restaurant management web application using HTML, CSS, JavaScript, capturing business activities and enabling data storage for Food Order, Order/Kitchen/Shipping Management, and Restaurant Stock.
- Provided front-end website development using frameworks of React.js, Redux and React hook, and back-end part by Java, framework by Spring Boot, with MySQL being the back-end database.