

William Zhou

✉ ucwill.zhou@gmail.com

☎ 403-818-2398

💻 zhouxzw.com

🐙 github.com/zhouxzw

SKILLS

Languages JavaScript, CSS, HTML, Java

Libraries & Frameworks React.js, Node.js, Express.js, Socket.IO, Next.js, jQuery, Bootstrap, ChakraUI

Tools & Platforms GitHub, Postman, MongoDB, Figma, AWS

RELEVANT EXPERIENCE

Web Developer – Freelance

May 2022 – Current

- **ChaHouse - Point of Sale System** October 2023
 - Developed a web-based point of sale system to help streamline the customer ordering process
 - Used WebUSB API to communicate with ESC/POS based thermal printers in order to print customer receipts and drink labels
- **Designers Touch** | designerstouch.ca March 2023
 - Developed responsive and user-friendly website using HTML, CSS and Javascript
 - Optimized website visibility on search engines by implementing on-page SEO techniques and structured data (JSON-LD)
- **Gold Bistro** | gold-bistro.ca August 2022
 - Developed an online ordering system utilizing web sockets for bi-directional communication between the customers and store owners
 - Ensured secure access to customer information by implementing Firebase Authentication for admin login, restricting access to the store owners only
 - Implemented transactional email notifications using Amazon SES to ensure customers received their order confirmation
 - Tested site in various browsers and mobile devices to ensure cross-browser compatibility

PROJECTS

NailStyle | hxnails.ca

September 2021

- Collaborated in a team of two to build a responsive nail salon booking website with an admin panel built on React, Node, Express and MongoDB
- Used CRUD operations to interact with API endpoints to get/post data to the server
- Verified correct data responses by thoroughly testing API endpoints using various HTTP methods in Postman

Menji

April 2021

- Database project tasked with building a functional E-commerce website following REST architecture
- Refactored repetitive pages into dynamically created pages for more efficient code management
- Followed good UI/UX designs and utilized Bootstrap to develop a responsive and user-friendly website

EDUCATION

Bachelor of Science in Computer Science - University of Calgary

September 2016 – April 2021