SIMON CHAUKE

FULLSTACK DEVELOPER

CONTACT

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VOLUNTEERING

Jesus the Rock Ministries

- Utilized my web development skills to design and implement a secure and user-friendly donations system.
- Conducted thorough testing and debugging to ensure a smooth user experience.

SKILLS

- HTML
- CSS
- JavaScript
- React.js
- Redux
- Tailwind CSS
- Node.js
- Express
- MongoDB
- MySQL
- Spring Boot
- PHP

EDUCATION

Bachelor of Science

Simon Fraser University

Sep 2013-May 2019

Double major in Physics and Chemistry

Post Degree Diploma in Computer Science

Douglas College

May 2021-Apr 2023

Gained hands-on knowledge of Web-Development, Data-Structures and Cybersecurity

PROFILE

Experienced front-end developer with expertise in JavaScript mobile-first development and a strong focus on accessibility and responsive design. CS graduate with a passion for continuous learning and a track record of success in front-end development. Excited to join your interactive team to further expand my JavaScript knowledge and make a positive impact on challenging projects. Committed to contributing to the organization's success with my technical skills and enthusiasm for growth.

PROFESSIONAL EXPERIENCE

Fullstack Developer

Top Search Digital Marketing   Jan 2023-present

- Proficient in using **WordPress**, **PHP**, **React**, **JavaScript**, **CSS**, and **HTML** to develop websites for small businesses.
- Extensive experience in front-end optimizing websites to the specific needs of clients.
- Demonstrated ability to enhance customer retention and expand the organization's reach through effective website development.
- Strong understanding of web design principles and best practices to create visually appealing and user-friendly interfaces.
- Excellent server-side logic handling using **PHP** and **Node.js**

PROJECTS EXPERIENCE

IoT Home Automation System

Douglas College Capstone project   Dec 2022- Apr 2023

- Designed and developed an affordable and customizable home automation system using ESP-32 microcontroller.
- Automated lights, temperature monitoring, fan control, soil moisture monitoring, and irrigation control, as well as movement monitoring.
- Created a user-friendly web app using **MERN** stack for accessing the home automation system.
- Programmed ESP-32 microcontroller using Arduino IDE and **C++** to implement web server, REST API, and sensor data collection.

Park Amenities Locator

May 2023

- Programmed and deployed a **React.js** web app, utilizing Tailwind CSS, Preline-UI, and Leaflet for exploring Vancouver's parks, and locating amenities such as washrooms, tennis courts, and basketball courts.

E-Commerce: Ongoing

Jan 2023-present

- Programming a fullstack web app using **React** with **Redux** for an e-commerce platform that includes payment integration and admin dashboard.