

Kyle Zhao Web Developer

✉ kzz@sfu.ca 🌐 kylezhao101 in @Kyle Zhao ☎ 778-883-0313 📍 Vancouver, Canada 🌐 www.zhaokyle.com

Project Experience

Roamfy (academic)

Dec 2023

PHP, MySQL, jQuery, HTML, CSS, Geoapify API

- Led development of an academic itinerary platform: Led SQL schema design and coordinated project tasks, enhancing the user experience with a responsive web interface built with PHP and jQuery.
- Implemented robust security features, including prepared statements and input validation, to safeguard against SQL injection attacks.

Resume API

Oct 2023

MongoDB, Express, Node, Vercel, Postman

- Independently designed and implemented a RESTful API for resume management with CRUD functionalities, utilizing MongoDB. Ensured data security through API key authentication, allowing only authorized access.
- Authored detailed documentation to facilitate user understanding and API integration, improving accessibility and ease of use.

Va11-halla Drink Recipe Fansite

Aug 2023

Figma, React, Firebase, Tailwind, Three.js, Python

- Independently designed then developed a Va11-halla fansite, focusing on user-centric UI design with React. Engineered a dynamic drink recipe dashboard using React hooks, useMemo, and context API for seamless Google Firebase integration.
- Automated the addition of 29 drink recipes to Firestore using Python, significantly enhancing site content and user engagement.

Volunteer Experience

UI/UX Designer and Frontend Developer

Nov 2023 – present

SFU Surge Projects

- Leading the UI/UX design for 'SFU myConnect,' a web dashboard being developed by our team to enhance student social activity and engagement.
- Informing designs using 2022 survey data on student social life provided by SFU Institutional Research and Planning.
- Developing the dashboard frontend using React and Tailwind CSS, and integrating SVG icons based on the Figma prototype.

Graphic Designer

Aug 2022 – present

SFU Esports Association

- Creating visuals for social media and events for a 3,600-member Discord community in collaboration with club executives.
- Produced 40 social media banners in a month using Adobe Photoshop, enhancing SFU competitive esports players' brand presence.
- Fostered cross-university collaborations by creating specialized graphics for events like the Sunset Series Valorant Lan with UBC Esports.

Thumbnail Designer and Technical Team Member

Jun 2020 – present

FCNABC English Congregation

- Consistently creating weekly thumbnails for channel of 7,000 subscribers, contributing to an average click through rate of 4%.
- Developed a Python script to automate nametag creation, converting Photoshop tasks into a streamlined process; producing 100+ PDF nametags.
- Setting up recording equipment and enhancing audio quality with DaVinci Resolve, contributing to the viewer experience and engagement of online content.

Skills

HTML/CSS/JavaScript/TypeScript | Git Version Control

React, Tailwind, jQuery, AJAX, D3.js, Three.js

Firebase, MongoDB, MySQL | Express.js, Node.js, Flask

Figma, Adobe Photoshop | PHP, Python, C

Education

Interactive Arts and Technology, BSc

Simon Fraser University

Expected Graduation: June 2026