Kyle Zhao Web Developer

✉ kzz@sfu.ca ⬤ kylezhao101 in @Kyle Zhao ☎ 778-883-0313 ◉ Vancouver, Canada

↖ www.zhaokyle.com

Project Experience

Roamfy (academic)

PHP, MySQL, jQuery, HTML, CSS

Dec 2023

- Led the development an academic itinerary sharing platform, defining requirements, designing the SQL schema, and guiding project tasks.
- Enhanced user experience with a responsive web interface, using PHP, jQuery's AJAX, and MySQL for dynamic user interaction and data management.
- Implemented security measures including prepared statements and input validation to prevent SQL injection attacks.

Resume API

MongoDB, Express, Node, Vercel

Oct 2023

- Independently developed a RESTful API with CRUD operations, providing access to my MongoDB collection while following best practices.
- Secured resume data with API key authentication, restricting access to authorized modifications only.
- Wrote comprehensive user documentation, significantly improving accessibility and ease of use for the API.

Va11-halla Drink Recipe Fansite

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

Aug 2023

- Managed the full lifecycle of an independent fansite project for the visual novel game by Sukeban Games, focusing on UI design and React practices.
- Designed Va11-halla drink recipe dashboard using React hooks, useMemo, and context API for optimized Google Firebase interaction.
- Automated the import of 29 drink recipes into Firestore using a Python script that first parses a main table, then extracts detailed information from linked pages.

Skills

Html/CSS/JavaScript | 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

Volunteer Experience

SFU Surge Projects

UI/UX Designer and Frontend Developer

Nov 2023 – present

- Leading UI/UX design for SFU myConnect, a team-developed web dashboard aimed at enhancing student social activity and engagement.
- Informed designs using 2022 survey data on student social life provided from SFU Institutional Research and Planning.
- Developed dashboard navigation using React and Tailwind CSS and integrated SVG icons based on the Figma design.

SFU Esports Association

Graphic Designer

Aug 2022 – present

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

FNABC English Congregation

YouTube Thumbnail Designer and Technical Team Member

Jun 2020 – present

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

Education

Interactive Arts and Technology, BSc

Simon Fraser University

Expected Graduation: June 2026