# 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

### UI/UX Designer and Frontend Developer

*SFU Surge Projects*

Nov 2023 – present

- 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

*SFU Esports Association*

Aug 2022 – present

- 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

*FNABC English Congregation*

Jun 2020 – present

- 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 viewerexperience and engagement of online content.

## Education

### Interactive Arts and Technology, BSc

*Simon Fraser University*
Expected Graduation: June 2026