

# Ziqi Fang

## Software Engineer

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Recent Computer Science graduate with MERN stack expertise, AWS certifications (Cloud Practitioner and Solution Architect Associate), and proficiency in DevOps. Experienced team leader in agile development, dedicated to continuous learning and collaborative problem-solving.

## Project experience

### Web Application Project: Sushier (Concept Project)

Live Production Link: <https://www.sushier.app/>

- Designed and Developed Sushi E-Commerce Platform: Utilized React and Next.js to create a responsive sushi e-commerce platform from concept to deployment.
- Integrated NextAuth for Secure Authentication: Implemented NextAuth.js for secure user authentication with credential and Google providers.
- Leveraged MongoDB Atlas for Database: Efficiently managed and stored user credentials for personalized user experiences and streamlined orders.
- Utilized Headless CMS with Amazon S3: Integrated Amazon S3 as a headless CMS for efficient content management and delivery.
- Maintained Version Control and Documentation: Employed GitHub for version control and comprehensive project documentation (<https://github.com/SherryFang1207/sushier-app/>).
- Crafted End-to-End UI/UX: Developed an intuitive and visually appealing user interface using Figma, from moodboard to mockups (<https://github.com/SherryFang1207/sushier-design-files>).

## Skills

### Front-End language & technologies

HTML • CSS • JavaScript • React.js • Next.js • Web Design Tools (Figma) • CSS Styling Libraries (Tailwind, Bootstrap)

### Back-End language & technologies

Node.js • Express.js (RESTful APIs) • Authentication (OAuth, NextAuth) • Database (MongoDB)

### Development Lifecycle & DevOps

Git Hub(CI/CD & Version Control) • Code Quality (ESLint and Prettier)

## Certification

**AWS Certified Cloud Practitioner** Acquired 2023

Foundational AWS certification demonstrating cloud computing knowledge

**AWS Solution Architect Associate** Acquired 2023

Certified in designing scalable, cost-effective system design solutions on AWS cloud

## Online Presence & Publication

### Portfolio Website

Showcasing Ziqi Fang's web development skills.  
Link: [ziqifang-portfolio.com](https://ziqifang-portfolio.com)

### GitHub Repository

Browsing my GitHub for code and projects.  
Link: [github.com/SherryFang1207](https://github.com/SherryFang1207)

## Work Experience

**Undergraduate Tutor at Jack Baskin School of Engineering, UC Santa Cruz**

2022

Collaborated with CSE150 faculty to improve computer networking course material, leading to enhanced student comprehension and improved course outcomes.

## Education

**Bachelor's of Science in Computer Science** University of California, Santa Cruz, 2019 – 2023

- Cumulative GPA: 3.7
- Honors and Awards: Dean's Honor List & Dean's Award (2019-2023)