

# Yangyue (Daisy) Song

## Full-Stack Software Engineer

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Vacaville, CA | Open to Remote or Onsite

## TECHNICAL SKILLS

**Front End** | DOM manipulation, HTML5, CSS, React, React Hooks, Redux Toolkit, WebSocket, Angular

**Back End** | Django 4, PostgreSQL, MongoDB, RabbitMQ, RESTful API, Geocoding API, Node.js, Express.js

**Programming Languages** | Python 3, JavaScript ES6+, HTML5, CSS, TypeScript

**System Design Tools** | Microservices, Domain-Drive Design, Message Passing, Event Sourcing

## APPLICATION DEVELOPMENT EXPERIENCE

**Full Stack Software Engineer** | Yelpcamp | [github.com/syangyue/](https://github.com/syangyue/) 2023

Node.js, JavaScript, Express, MongoDB, Authentication, Session, Mapbox, Cloudinary,

Developed a massive and complicated Yelp-like application to help people share campgrounds and review them

- Enhanced user experience by allowing users to upload multiple images for each campground listing, with automatic image optimization and storage provided by Cloudinary
- Implemented user authentication, integrated Mapbox for location mapping, and ensured secure session management. Configured CSP using Helmet for enhanced security

**Full Stack Software Engineer** | Gather | [gitlab.com/gather.git](https://gitlab.com/gather.git) 2022

React.js, Microservice Architecture, FastAPI, CSS, MongoDB, Yelp API, CI/CD

Designed and developed a microservice-based web application that helps a group decide on a place to eat

- Adopted Yelp API to conditionally load recommended restaurants based on user preferences, significantly expanding its functionality and providing user's comprehensive experience
- Implemented authentication measures to secure user access and protect sensitive data, ensuring the safety and confidentiality of user information

**Full Stack Engineer** | CarCar | [gitlab.com/project-beta.git](https://gitlab.com/project-beta.git) 2022

Docker, React.js, Microservice, RESTful APIs, CSS, PostgreSQL, Django

Developed a scalable application for a car dealership to track inventory, sales, and online services

- Designed and developed a scalable, RESTful microservice for managing car service appointments and sales to improve the efficiency and reliability of an automotive business
- Connected separate microservices using Polling, modified original function with a faster poller function that allowed data to reach the user 40% faster
- Utilized React and Material UI to create intuitive, visually appealing interfaces, resulting in enhanced user engagement and satisfaction

**Backend Engineer** | Conference Go | [gitlab.com/conference-go.git](https://gitlab.com/conference-go.git) 2022

Microservice, Django, SQLite, RabbitMQ, CSS, Python

Scaled up a microservice-based web application to manage conferences, attendees, and locations

- Developed a multi-tier, dynamic Web application using a Django framework, focusing on domain-driven design and microservices architecture to improve scalability and maintainability
- Adopted Docker for development, facilitating the management of application dependencies and environments, leading to a more efficient and reliable development process

## PROFESSIONAL EXPERIENCE

**Product Photographer** | Hua&Guo Media Production 2021 - 2023

- Collaborated with web developers and UX designers to ensure that the product images were integrated seamlessly into the client's website and mobile apps
- Skilled in editing and retouching product images using software such as Photoshop and Lightroom to enhance color, contrast, and sharpness

**Yoga Studio Owner and Instructor** | Yoga 108 Chicago 2017 - 2020

- Started a yoga studio and grew membership from 0 to 200+ in the first year of operations
- Designed yoga teachers' certificate curriculum and teaching manual. Curated workshops that helped professional yoga teachers achieve their 200hr RYT certifications

## EDUCATION

**Hack Reactor** | San Francisco | Advanced Software Engineering Immersive Certificate 1000hrs+ 2022

**Harvard CS50X** | Online | Computer Science 2021

**Changchun University of Science and Technology** | Information and Computer Science 2008-2012