

Yangyue Song

Full-Stack Software Engineer

312-866-0889 | syangyue1990@gmail.com | github.com/syangyue | linkedin.com/in/yangyue-song/ | Vacaville, CA

Results-driven software engineer with a passion for creating robust and efficient software solutions. Seeking a challenging role in a dynamic tech company where I can leverage my expertise in full-stack development

TECHNICAL SKILLS

JavaScript, TypeScript, React, Redux, React Native, HTML5, CSS, Python, Node.js, Nest.js, Django 4, Express, PostgreSQL, MongoDB, MySQL, RESTful API, Flask API, RabbitMQ, Docker, CI/CD, Unit tests, Monoliths, Object-Oriented Design, WordPress, WebSockets

PROFESSIONAL EXPERIENCE

Code Coach | theCoderSchool

01/2024-current

- Coached students weekly, creating tailored individual lesson plans accessible to each student's skill set and needs with technologies including Scratch, HTML, CSS, JavaScript, and Python
- Fostered interest in computer science among students and provided detailed progress updates to parents

Full Stack Software Engineer | Manos Juntas Healthcare

12/2023-current

- Engineered HTTP route handling with Flask for flexibility, applied Blueprints in order to streamline file structure
- Utilized React.js and built components to create an interactive user interface and integrated Material UI for front-end design
- Architected RESTful routes for stateless, cacheable, and easy-to-use paths with built-in HTTP authentication
- Designed relational database with SQLAlchemy ORM to securely retrieve and store user data & associated experience hours

WordPress Developer | YL Law Firm

01/2023-11/2023

- Designed and developed a WordPress website for the start-up law firm, ensuring a professional online presence that aligns with the firm's brand and values, increasing positive user feedback by 25%
- Optimized the website for search engines (SEO) to improve online visibility, resulting in a 25% increase in organic traffic

Business Owner | Yoga 108 Wellness Center

01/2017-10/2020

- Started a yoga studio and grew membership from 0 to 200+ in the first year of operations
- Operated the company's official website and social media. Wrote high-quality yoga articles

IT Helpdesk Technician | Paris Spring Shopping Center

01/2013- 01/2015

- Identified and diagnosed the sources's problems, employed thorough troubleshooting methods to recommend optimal solutions
- Delivered technical support through diverse channels, including phone, email, in-person, and remote desktop software

SOFTWARE ENGINEERING APPLICATION

Gather | Restaurant Selecting App

2022

- Led a team of 4 engineers by using agile methodologies and converting design architecture to succeed in developing a full-stack web application using **React**, **MongoDB**, and **FastAPI**
- Adopted third-party YelpAPI to conditionally load recommended restaurant data based on user preferences, significantly expanding its functionality and providing users with a comprehensive experience
- Developed and executed 4 **unit test** cases to ensure optimal functionality and reliability of endpoints

CarCar | Car Dealership Management System

2022

- Designed and developed a scalable, **RESTful microservice** for managing car service appointments and sales to improve the efficiency and reliability of the car dealership management system
- Built **React** 7 components across 3 **microservices** using Single Page Application, promoting agile delivery of new functionalities
- Adopted **polling** stays synchronized with the inventory system to minimize discrepancies and ensure accurate and up-to-date information for sales personnel and customers

Conference Go | Conference Booking App

2021

- Led a major architectural transition from a **monolithic** system to a microservices-based architecture, employing **domain-driven** design principles to modularize the application. This overhaul resulted in improved scalability and maintainability
- Structured and optimized **RESTful APIs** using **Django** to enhance data manipulation and integration with the frontend
- Implemented **Docker** for development and containerization, reducing deployment time by 30% and fostering enhanced team collaboration. This contributed to a 20% increase in development velocity for the project

EDUCATION

Hack Reactor Bootcamp | Software Engineering 1000hrs+

2022

Changchun University of Science and Technology | Computer Science

2012