

# Yangyue Song

## Full-Stack Software Engineer

312-866-0889 | [syangyue1990@gmail.com](mailto:syangyue1990@gmail.com) | [github.com/syangyue](https://github.com/syangyue) | [linkedin.com/in/yangyue-song/](https://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

<b>Code Coach</b>   theCoderSchool	01/2024-current
<ul style="list-style-type: none"><li>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</li><li>Fostered interest in computer science among students and provided detailed progress updates to parents</li></ul>	
<b>Full Stack Software Engineer</b>   Manos Juntas Healthcare	12/2023-current
<ul style="list-style-type: none"><li>Engineered HTTP route handling with Flask for flexibility, applied Blueprints in order to streamline file structure</li><li>Utilized React.js and built components to create an interactive user interface and integrated Material UI for front-end design</li><li>Architected RESTful routes for stateless, cacheable, and easy-to-use paths with built-in HTTP authentication</li><li>Designed relational database with SQLAlchemy ORM to securely retrieve and store user data &amp; associated experience hours</li></ul>	
<b>WordPress Developer</b>   YL Law Firm	01/2023-11/2023
<ul style="list-style-type: none"><li>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%</li><li>Optimized the website for search engines (SEO) to improve online visibility, resulting in a 25% increase in organic traffic</li></ul>	
<b>Business Owner</b>   Yoga 108 Wellness Center	01/2017-10/2020
<ul style="list-style-type: none"><li>Started a yoga studio and grew membership from 0 to 200+ in the first year of operations</li><li>Operated the company's official website and social media. Wrote high-quality yoga articles</li></ul>	
<b>IT Helpdesk Technician</b>   Paris Spring Shopping Center	01/2013- 01/2015
<ul style="list-style-type: none"><li>Identified and diagnosed the source's problems, employed thorough troubleshooting methods to recommend optimal solutions</li><li>Delivered technical support through diverse channels, including phone, email, in-person, and remote desktop software</li></ul>	

### SOFTWARE ENGINEERING APPLICATION

<b>Gather</b>   Restaurant Selecting App	2022
<ul style="list-style-type: none"><li>Led a team of 4 engineers by using agile methodologies and converting design architecture to succeed in developing a full-stack web application using <b>React, MongoDB, and FastAPI</b></li><li>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</li><li>Developed and executed 4 <b>unit test</b> cases to ensure optimal functionality and reliability of endpoints</li></ul>	
<b>CarCar</b>   Car Dealership Management System	2022
<ul style="list-style-type: none"><li>Designed and developed a scalable, <b>RESTful microservice</b> for managing car service appointments and sales to improve the efficiency and reliability of the car dealership management system</li><li>Built <b>React</b> 7 components across 3 <b>microservices</b> using Single Page Application, promoting agile delivery of new functionalities</li><li>Adopted <b>polling</b> stays synchronized with the inventory system to minimize discrepancies and ensure accurate and up-to-date information for sales personnel and customers</li></ul>	
<b>Conference Go</b>   Conference Booking App	2021
<ul style="list-style-type: none"><li>Led a major architectural transition from a <b>monolithic</b> system to a microservices-based architecture, employing <b>domain-driven</b> design principles to modularize the application. This overhaul resulted in improved scalability and maintainability</li><li>Structured and optimized <b>RESTful APIs</b> using <b>Django</b> to enhance data manipulation and integration with the frontend</li><li>Implemented <b>Docker</b> 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</li></ul>	

### EDUCATION

<b>Hack Reactor Bootcamp</b>   Software Engineering 1000hrs+	2022
<b>Changchun University of Science and Technology</b>   Computer Science	2012