

YUE (SARAH) JIANG

SOFTWARE ENGINEER

CONTACT

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[LinkedIn](#)
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[Portfolio](#)

SKILLS

Languages

- TypeScript
- JavaScript
- Python

Frameworks

- React
- Angular
- Flask
- Express

Database

- SQLAlchemy
- PostgreSQL
- MongoDB

Tools

- HTML
- CSS
- Material UI
- GraphQL
- AWS

EDUCATION

App Academy

- full-time coding bootcamp
- Apr 2024 - Sep 2024

New York University

- MA in Education | GPA 3.97
- Sep 2013 - Sep 2014

Qingdao University

- BA in English Literature
- Sep 2009 - Jul 2013

LANGUAGES

English

Chinese

WORK EXPERIENCE

Software Engineer

BeaconFire Solutions, Remote

Dec 2024 - Present

- Designed and developed a comprehensive HR portal** using React (frontend) and Express.js (backend) to streamline employee onboarding.
- Built an AWS S3 integration for secure document uploads**, allowing potential employees to submit visa status updates.

Co-Founder & Software Engineer

Walnut Education, Milpitas, CA

Oct 2020 - Apr 2023

- Co-founded Walnut Education** with the mission to promote transparency in the college admissions consulting industry, successfully registering 124 consultants to meet the diverse needs of students. Achieved top 10% in Y Combinator's Winter 2021 application cycle.
- Collaborated closely with the engineering team** to launch a fully functional, Airbnb-like platform connecting consultants and students. Key features include search functionality, real-time chat, secure payment processing, and a review system.

Senior Academic Consultant & Institutional Partnership Specialist

WholeRen Education, Pittsburgh, PA

Jul 2014 - Sep 2020

- Advised students on application processes**, providing personalized guidance on school selection, essay writing, and application strategy. Successfully helped students gain acceptance into prestigious institutions such as Columbia, Carnegie Mellon University, and UCLA, etc.
- Served as the primary relationship manager** with admission representatives, fostering strong partnerships with key university contacts to enhance student placement outcomes.

PROJECTS

HelloWorld

A full-stack travel planning application

[Live](#) | [GitHub](#)

- Incorporated Leaflet for interactive map functionality**, enabling users to visually explore destinations.
- Implemented AI-powered travel assistant** to generate intelligent itinerary suggestions. This feature helps users receive personalized recommendations, improving their experience by reducing time spent on research.
- Implemented image upload functionality using AWS S3**, allowing users to upload and store images securely in the cloud. Integrated AWS SDK on the backend with Flask to handle file uploads, generate pre-signed URLs, and ensure efficient storage and retrieval.

ArtisanAlley

An Etsy inspired web application built by a team of 4

[Live](#) | [GitHub](#)

- Developed a product listing feature** using Flask, handling CRUD operations for products, and React on the frontend to render dynamic product listings, ensuring efficient data flow and a seamless experience for users.
- Deployed on Render** for cloud-based hosting, automating deployment processes. This solution allows the team to focus on feature enhancements while ensuring high availability for end-users.