Jack Zhang

Full Stack Developer | Software Engineer

Laurel, MD | 917-292-1376 | jzhang319@gmail.com | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

TECHNICAL SKILLS

Frontend: React.js, Redux, JavaScript, HTML, CSS
Backend: Node.js, Express, Flask, SQL, PostgreSQL, SQL-Alchemy, Python
Technical Expertise: Data Structures and Algorithms, Architecture, Debugging, Deployment, Socket.IO

PROJECTS

Pixelgram, *Full Stack Developer* - React | Python   [Live](#) | [GitHub Repo](#)
A web application inspired by instagram allowing users to post photos and leave comments, as well as an integrated chat feature.
- Created custom SQL queries and reduced server load through the utilization of models and associations in Flask to extract data from multiple tables in a single query
- Created an inspiration board to query followers and followings, page layout, and features of the website
- Implemented a general chat feature by using Socket.IO

Question Overflow, *Full Stack Developer* - React | Python   [Live](#) | [GitHub Repo](#)
A web application inspired by Stack Overflow (asking and answering questions)
- Designed and implemented the reactions system in the back end using Python
- Implemented a feature gate for unregistered, users limiting platform interaction
- Deployed the application on the Render platform, ensuring reliable and scalable hosting for users.

Where-will-i-stay-bnb, *Full Stack Developer* - React | Javascript   [Live](#) | [GitHub Repo](#)
A web application inspired by AirBnb for browsing and making reservations for vacation homes
- Ensured user privacy and autonomy through frontend and backend authentication measures and React Router, allowing users to only access and make changes to their own reservations when logged in

EXPERIENCE

Administrative Director   09/00 - 07/23
B&B Child Care Services LLC.
- Led and managed an after-school program with approximately 50 students and trained over 60 afterschool and summer camp teachers and teacher's assistants.
- Responsible for an annual budget of $120,000 distributed for hiring needs, operational costs, and employee travel expenses.
Monitored and evaluated student progress, providing feedback and support to both students and their families to promote academic success.

Founder   06/14 - 08/18
Kingston Cultural Center Inc.
- Reduced the costs of the summer program by 35% by investing in the hiring of subject-versatile teaching staff.
- Led and managed the after-school and Saturday programs for New York statewide standardized test preparation
- Designed the curriculum for the New York Statewide Exam for educational grades 3-5.

EDUCATION

App Academy, *Full Stack Development*   2022 - 2023
1000-hour immersive full-stack web development intensive with < 3% acceptance rate

Long Island University, *Bachelor in Business Management / Finance*   2000 - 2008