Jack Zhang

Full Stack Developer | Software Engineer

Laurel, MD | 917-292-1376 | JZHANG319@GMAIL.COM | GitHub | LinkedIn | Portfolio

SUMMARY

Result-driven Full Stack Developer with expertise in React, Node.js, and Python. Passionate about creating user-centered web applications. Experience in project leadership and team collaboration. Seeking opportunities to contribute technical skills to innovative projects.

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 allows users to post photos and leave comments, as well as an integrated chat feature.
- Optimized server performance by crafting custom SQL queries and leveraging Flask models and associations to extract data efficiently from multiple tables.
- Designed and implemented a user-friendly interface, including wireframes for followers and followings, page layouts, and various website features.
- Implemented real-time chat using Socket.IO to enhance user engagement and interactivity.

Question Overflow, *Full Stack Developer* - React | Python   Live | GitHub Repo
A web application inspired by Stack Overflow (asking and answering questions)
- Engineered a dynamic reactions system in Python, allowing users to seamlessly switch between likes and dislikes, with changes reflected in the database.
- Implemented a feature gate to restrict platform interaction for unregistered users, enhancing security and user experience.
- Collaborated with a team of four engineers on a shared codebase, ensuring consistent and efficient development processes.

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
- Implemented robust user authentication measures on both the frontend and backend, utilizing React Router to ensure privacy and autonomy for users.
- Deployed the application on the Render platform to guarantee reliable and scalable hosting for users, optimizing the overall user experience.

EXPERIENCE

Administrative Director | *B&B Child Care Services LLC.* | 09/00 - 07/23
- Directed and managed an after-school program, overseeing 50 students and provided leadership for 60 teachers and assistants.
- Controlled an annual budget of $120,000, implementing strategic resource allocation optimizations for increased efficiency.

Founder | *Kingston Cultural Center Inc.* | 06/14 - 08/18
- Achieved a 35% reduction in summer program costs by strategically investing in versatile teaching staff.
- Led and managed after-school and Saturday programs, focusing on New York's statewide standardized test preparation.

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