Zhuoxin Tan

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SKILLS **JavaScript, Python, Flask, React, Redux, Test-Driven Development(TDD), HTML5, CSS3, PostgreSQL, SQLAlchemy, Git, Shell script, Perl**

PROJECTS

OpenBelly (JavaScript, HTML5, CSS3, Python, Flask, PostgreSQL, React, Redux)   Live Site | Github
- Implemented validation logic to identify reservations with overlapping dates and limit reservations in a specific time frame.
- Utilized Async functions to randomly display a list of pictures every 10 seconds, enhancing the visual experience for users.
- Designed an algorithm to sort and display upcoming and previous user reservations, facilitating easy access from the user's profile page.
- Utilized AWS S3 to implement user image uploads reducing server load and allowing for scalability of image services.

Artygram (JavaScript, HTML5, CSS3, Python, Flask, PostgreSQL, React, Redux, React-Particles)   Github
- Designed the follow/unfollow function allowing users create and remove relationships with others by clicking on the same button.
- Utilized React Particles library to implement the floating dots on the background of pages to bring visual enjoyment for users.
- Implemented algorithm that allows authenticated users to view posts of other users that they currently follow.

Yummyelp(JavaScript, HTML5, CSS3, PostgreSQL, React, Redux, Express**)**   Github
- Configured the Node backend with PostgreSQL, using the sequelize ORM for validations and database queries.
- Created a review feature that only allows authenticated users to leave a comment for the restaurant.
- Used BCrypt Hashing Function to facilitate user authentication and prevent storage of plain text passwords on the backend.

EXPERIENCE

Software Engineer | InfoIMAGE Inc. | Nov 2021 – Present | Brisbane, CA
- Design and construct statements and notices for financial institutions using third-party toolkit Papyrus Designer.
- Developed Shell, Perl, and Python scripts for data processing automation, report creation, and reusable code to support onshore and offshore teams.
- Collaborated with QA, account services, and business analyst teams to ensure business requirements are met and translated correctly into practical technical solutions.

General Manager | Mumu Hotpot | July 2019 – Dec 2020 | Foster city, CA
- Managed 20+ people team of cooks and front of the house staff, ensuring high-quality food and service
- Communicated important information to staff promptly, such as large reservations or last-minute menu changes, to improve preparedness
- Led and directed team members on effective methods, operations and procedures

General Manager | Boiling Hotpot | June 2017 – June 2019 | San Francisco, CA
- Created fun team building activities to engage staff in up-selling to meet revenue, $1.2M.
- Resolved challenging customer complaints to full satisfaction, promoting brand loyalty and maximizing repeat business

EDUCATION

App Academy | April 2021 – Sep 2021 | San Francisco, CA
Curriculum of Study in Web Development (Python and JavaScript)
- 24-week Full-Stack Web Development program with over 1000 hours of coursework, and lectures.
- < 3% acceptance rate

San Francisco State University | Jan 2018 – May 2020 | San Francisco, CA
Bachelor of computer science
- Data Structures and Algorithm
- Basic Machine learning
- Programming Methodology