JINGJING (Flora) XU
Full Stack Engineer

(669) 699-8017   FLORAKHO123@GMAIL.COM   **PORTFOLIO**   **GITHUB**   **LINKEDIN**

SKILLS

JavaScript, Python, React, Redux, Node.js, Express.js, TypeScript, RESTful APIs, Flask, PostgreSQL, SQLAlchemy, HTML, Pug, CSS, Bootstrap, GitHub, Git, Heroku, AWS, Docker

PROJECTS

MaxNote (Python, Flask, SQLAlchemy, PostgreSQL, ReactJS, Redux, Docker, AWS, React-quill)   Live | GitHub
A note-taking app inspired by Evernote, allowing users to create and organize their own notebooks and notes
- Independently created 4 Flask backend API routes and 17 React components, resulting in a pixel-perfect clone with customized design and functionality using vanilla CSS and Figma
- Leveraged AWS S3, Redux, Flask, and SQL to seamlessly manage data on both the front and backend
- Conducted unit testing with both positive and negative datasets, and formulated error messages to validate functionality in different edge case scenarios, and performed impact analysis by testing application and back-end layers
- Implemented rich-text editing using the react-quill library and extended functionality with auto-save and scratch pad features using native JavaScript methods

Fotozer (JavaScript, Express, Node.js, PostgreSQL, Sequelize, ReactJS, Redux, Heroku, AWS)   Live | GitHub
A photo social networking platform, inspired by Flickr, enabling users to upload, share, comment, and like photos
- Developed custom SQL queries to optimize server performance and data validation using Sequelize ORM, enabling the extraction of data from multiple tables in a single query
- Designed a weighted search algorithm to improve the user search experience by displaying categories with the most results first and ordering items based on the relevance of the search query
- Built the application UI with React Native, utilizing user-centered design techniques and implementing Redux states to enhance user experience

WeHelp (Python, Flask, PostgreSQL, ReactJS, Redux, Docker, Google Maps API, AWS)   Live | GitHub
A yelp clone website, where users can browse local restaurants, read and submit crowd-sourced reviews
- Led a team of four engineers as Scrum Master, utilizing Agile methodologies and Git to successfully deliver a 6-core-feature clone of Yelp within a 5-day sprint
- Optimized PostgreSQL database structure and streamlined Flask backend code through the implementation of a one-to-many polymorphic table, significantly reducing redundancy
- Managed a comprehensive test-driven development, designed 6 API routes, and integrated the Google Maps API with the React Geocoder gem and Google Autocomplete, ensuring stable and reliable connections and enabling dynamic presentation of business location based on user-defined parameters

EXPERIENCE

Loan Assistant   Jan 2021 - Sep 2021
Googain Inc.   Sunnyvale, CA
- **Credit Analysis:** Generated cash flow and debt analysis for over 5 clients daily and assessed qualifications and loan eligibility for 20+ borrowers per day, meeting 100% of daily productivity goals
- **Communication Skills:** Collaborated effectively with cross-functional teams, including loan officers, loan processors, underwriters, and escrow & title companies, to ensure the completeness and accuracy of loan applications, and successfully published closing disclosure and redisclosure to clients on time

EDUCATION

Full Stack Web Development Program - *App Academy | 2022*
Master of Science in Global Business and Finance - *Pepperdine Graziadio Business School | 2020*
Certificate of Marketing - *University of California, Los Angeles | 2017*