ZHIQI (RENA) LIN

(917) 861-9919 JACKSONVILLE, FL   ZHIQILINN@GMAIL.COM   U.S. CITIZEN   **PORTFOLIO**   **GITHUB**   **LINKEDIN**

SKILLS

Java, Javascript(ES6), Python, Spring Boot, Node.js, Express.js, REST API, Flask, ReactJS, Redux, PostgreSQL, Sequelize, SQLAlchemy, SQLite, HTML, CSS, Github, Heroku, Docker, GraphQL, Junit, Jenkins, RLM, Swift, Agile

EXPERIENCE

Citi Group Inc. Feb 2023 - Present

Software Developer - Backend (Java/Spring-boot)

Engineering enablement team - a collaborative task force operating team, with a primary focus on optimizing business operations and enhancing reporting capabilities for the employees.

- Managed backend services utilizing **Java** and **Spring-boot** framework for two projects, a seat booking tool and role matching tool, leveraged Pivot Cloud Foundry (**PCF**) to host and deploy, **RLM** to ensure projects to meet all necessary requirements and standards, and **MongoDB** to manage the database.
- Developed various backend **API** routes to facilitate a wide range of features, including employee seat reservations, employee issue reporting, and administrative issue/reservation management, completed within short timeframes.
- Utilized Java annotation to Implement admin, manager and employee **authentication** mechanisms to ensure secure and efficient usage of the systems and applications.
- Managed the concurrent production of multiple application versions to ensure a workflow, utilizing **Git** flow as a version control tool and **Bitbucket** as the source code management platform.
- Designed and created several scripts that simplified the process of managing MongoDB database migrations and model modifications, enhancing the overall efficiency of the database operations.
- Developed a comprehensive suite of **JUnit** test cases that covered all API routes in the backend services, ensuring the quality and reliability of the work.

Bond Building Construction Inc. June 2019 - Jan 2022

Project Engineer

- Involved in UCONN Boiler Replacement & Utility Tunnel Project ($15 million value) and UCONN Supplemental Utility Project ($50 million value).
- Reviewed and organized about 50 subcontractor companies' compliance documentation flow using Autodesk BIM 360 system, including subcontractors' submittals, RFI (Request for Information), and quality control field report.

PROJECTS

Wehelp   (Python, Flask, SQLAlchemy, PostgreSQL, React, Redux, Docker, Google Map, AWS, Live available)   live | github

- Collaborated closely with a team of 3 engineers to plan, design, and construct an almost pixel-perfect front-end clone of Yelp in one week, while ensuring the technical feasibility of the designs.
- Created a GitHub scrum board and daily activities schedule to provide a scope of work.
- Designed 7 API routes, including business, review, category, images, user, and authentication by utilizing Python Flask.
- Implemented 6 features, including business CRUD, review CRUD, search/filter, google maps, and AWS.
- Provided support to teammates utilizing various knowledge in technology, logic, and algorithm to solve complex issues during group work.
- Managed and built the application state shape using Redux. Implemented actions and reducers to handle states for new components. Created several Redux-Thunk as middleware to handle asynchronous actions successfully.
- Implemented AWS S3 cloud object storage for profile image upload to provide a convenient and user-friendly image service.

EDUCATION

Full-Stack Web Development - *App Academy | August 2022*

Bachelor of Science in Civil Engineering - *University of Connecticut | 2016 - 2020*