

# 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, 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