

Celeste Kilgore

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[LinkedIn](#) | [Github](#) | [Portfolio](#)

TECHNICAL SKILLS

Languages - Python, Javascript, Typescript, HTML, CSS, SQL

Libraries - React.js, React Testing Library, jQuery, Bootstrap, Tailwind CSS

Frameworks/Tools - Node.js, Express.js, Django, Flask, SQLAlchemy, unittest, Jest, Jasmine, VSCode, Git, Github, Insomnia, AWS S3

SOFTWARE ENGINEER EXPERIENCE

Software Engineer Intern

December 2023

Rithm School

San Francisco, CA (Remote)

- Developed a blog application feature for the student information system using Django and PostgreSQL. Added a custom admin form restricting possible post authors to the allowed authors on the blog.
- Created a welcome page to allow instructors to modify the welcome message for each of their cohorts.
- Improved the application admin dashboard by adding new columns for cohort start date, enrollment cutoff, and lead staff member.
- Re-factored the application admin panel section of the codebase to improve readability & reduce repetition.
- Maintained the codebase's 99% test coverage by adding unit and integration testing for each new feature.

TECHNICAL PROJECTS

Friender

[Live Demo](#) | [Frontend](#) | [Backend](#)

- Designed and developed a web application using TypeScript to enhance code maintainability, React to promote a quick and responsive UI, and Flask for its lightweight nature.
- Implemented custom decorator to check for JWT token before each protected route, utilized WTForms to validate incoming API requests, and designed a custom zip code validator.
- Established connection to an AWS S3 bucket to efficiently store user's profile pictures.

Jobly

[Live Demo](#) | [Frontend](#) | [Backend](#)

- Built a job board application composed of a RESTful Express backend and a React Frontend.
- Implemented filtering functionality by writing custom SQL queries to allow users to filter companies based on name and number of employees, and jobs based on title, salary, and equity.
- Implemented authentication and authorization using JWT and JSON Schema.
- Designed a React frontend hierarchy composed of modular, reusable components. Utilized localStorage and the useEffect hook to preserve user data upon page refresh.

Warbler

[Live Demo](#) | [Github](#)

- Built a Twitter/X clone with Flask, Jinja, SQLAlchemy, and PostgreSQL.
- Implemented user authorization and authentication using g object, form validation, and CSRF protection.
- Conducted thorough unit and integration testing, ensuring the stability of the application.

ADDITIONAL WORK EXPERIENCE

Python Teaching Assistant

September 2021 – April 2023

University of Michigan School of Information

Ann Arbor, MI

- Collaborated with professors on teaching labs, answering student's questions, and grading projects/exams.
- Hosted bi-weekly office hours to offer support and assistance to students 1-on-1.
- Reviewed students' code and offered assistance with debugging.

EDUCATION

Rithm School

2023

Full Stack Web Development Bootcamp

University of Michigan

2019-2023

B.A. Cognitive Science, Minor in Quantitative Methods

Ann Arbor, MI