Celeste Kilgore

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LinkedIn | Github | Portfolio

TECHNICAL SKILLS

Languages - Python, Javascript, HTML, CSS, SQL

Frameworks/Tools/Libraries - Tableau, Excel, R, Node.js, Express.js, Django, Flask, PostgreSQL, SQLAlchemy, unittest, Jest, Jasmine, Jinja, VSCode, Git, Github, Insomnia, AWS S3, React.js, jQuery

WORK EXPERIENCE

Software Engineer Intern   Nov 2023 - Dec 2023
Rithm School   *San Francisco, CA (Remote)*
- Developed a blog application feature for the student information system leveraging Django for its efficiency, built-in security, and user-friendly admin panel.
- Created a welcome page to allow instructors to customize the welcome message for each of their cohorts.
- 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.

Python Teaching Assistant   Sep 2021 – Apr 2023
University of Michigan School of Information   *Ann Arbor, MI*
- Collaborated with professors on teaching labs, answering student's questions, and grading projects/exams.
- Conducted bi-weekly office hours, delivering personalized 1-on-1 support and assistance to students.
- Analyzed and provided feedback on students' code, assisting in debugging and problem-solving.

Data Analyst Intern   May 2022 – Aug 2022
Southern Maine Planning and Development Commission   *Saco, ME*
- Synthesized complex datasets into visualizations and narratives to highlight the needs of local communities.
- Assisted in the development of comprehensive plans that aid local towns in planning for their futures.

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 a custom decorator to check for JWT tokens before accessing protected routes, utilized WTForms to validate incoming API requests, and designed a custom zip code validator.
- Established connection to an AWS S3 bucket to efficiently store users' profile pictures.

Jobly   Live Demo | Frontend | Backend
- Built a RESTful Express backend to facilitate seamless communication between the frontend and backend.
- Implemented advanced filtering functionality by writing custom SQL queries to allow users to filter companies based on name and employee count, and jobs based on title, salary, and equity.
- Established secure 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 ensure a seamless user experience upon page refresh.

Warbler   Live Demo | Github
- 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.

EDUCATION

Rithm School   Sep 2023 – Jan 2024
Full-Stack Web Development Bootcamp   *San Francisco, CA (Remote)*
University of Michigan   Sep 2019 – Apr 2023
B.A. Cognitive Science, Minor in Quantitative Methods in the Social Sciences   *Ann Arbor, MI*