VIOLET J. KESTER
FULL-STACK SOFTWARE ENGINEER

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Portfolio | LinkedIn | GitHub

TECHNICAL SKILLS

Languages - JavaScript, Python, TypeScript, SQL, HTML, CSS
Frameworks and Libraries - React, Django, Flask, Express, Node.js, jQuery, Axios, Htmx, Bootstrap, Tailwind CSS
Testing Frameworks - React Testing Library, Jest, Jasmine, Unittest
Databases and Persistence - PostgreSQL, AWS S3, SQLAlchemy
Tools and Technologies - Git, GitHub, Insomnia, Figma

ENGINEERING EXPERIENCE

Software Engineer Intern, Rithm School   San Francisco, CA - June 2023
- Contributed to the Student Information System (SIS), a production learning management system with over 80,000 lines of code.
- Collaborated with an Agile team of engineers by engaging in story point estimation, daily standups, and pair programming.
- Developed an announcements app with an admin page for displaying and managing updates for various cohorts.
- Wrote Slack integration to automate reminders to lecturers regarding unpublished lectures.
- Ensured reliability of code by maintaining 98% test coverage through comprehensive testing of features.

TECHNICAL PROJECTS

violetkester.com - *Portfolio website and blog*   Demo | GitHub
Django, PostgreSQL, AWS S3, Htmx, Hyperscript, Bootstrap

- Implemented a full-stack blog application that allows visitors to search for, comment on, and browse blog posts by tag.
- Configured S3 and WhiteNoise storage backends, leveraging cloud computing services to enhance performance and scalability.
- Used htmx and hyperscript to update site content dynamically from the server, creating a seamless, SPA-like user experience.

Jobly - *Full-stack job board application*   Demo | GitHub - Frontend | GitHub - Backend
Express, Node.js, React, PostgreSQL, Axios, Material UI, Jest

- Interfaced a React single-page application with a RESTful backend API, facilitating real-time postings and updates.
- Mapped out the React component hierarchy as a blueprint for the development process, accounting for the essential state, props, and context for each component.
- Introduced a job search feature, enabling users to filter listings by various criteria via parameterized queries in routes.

Warbler - *Twitter clone*   Demo | GitHub
Flask, PostgreSQL, SQLAlchemy, Jinja, Unittest

- Developed and tested models and routes for efficient message posting, account creation, and profile editing.
- Designed a like/follow feature driven by database relationships, allowing users to personalize their newsfeeds.
- Implemented a robust user authentication system using bcrypt, sessions, and custom authorization middleware to enforce role-based access to content.

EDUCATION

Rithm School, Full Stack Web Development Bootcamp   San Francisco, CA - 2023
The University of Georgia, B.F.A. Painting & Drawing   Athens, GA - 2011

WORK EXPERIENCE

Server, Sushi Murasaki   Greenville, SC - June 2020 – Now
- Delivered top-notch customer service with attentiveness and professionalism in a fast-paced, high-volume work environment.

English Teacher, Teach and Learn in Korea   Jeonju, South Korea - August 2012 – August 2014
- Organized lesson plans and extracurricular activities as a public school instructor for students in grades 1-6.

VOLUNTEER EXPERIENCE

Art Ministry Coordinator, Central Outreach & Advocacy Center   Atlanta, GA - October 2016 – January 2019
- Established an art program at a volunteer-governed men's shelter, leaving a lasting positive impact on the community.
- Led weekly art classes for individuals overcoming homelessness, coordinated volunteers, and exhibited guests' work.