

VIOLET J. KESTER

FULL-STACK SOFTWARE ENGINEER

Greenville, SC

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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, 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 daily standups, pair programming, and story point estimation.
- 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- Wrote Slack integration to automate reminders to lecturers regarding unpublished lectures.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, CloudFront, 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 interactive, real-time content 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 to the database.

Warbler - *Twitter clone*

[Demo](#) | [GitHub](#)

Flask, PostgreSQL, SQLAlchemy, Jinja, Unittest

- Developed and tested models and routes for optimized 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.