

# VIOLET J. KESTER

FULL-STACK SOFTWARE ENGINEER

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[LinkedIn](#) | [GitHub](#)

## TECHNICAL SKILLS

**Languages** - JavaScript, Python, TypeScript, SQL, HTML, CSS

**Frameworks and Libraries** - Django, Flask, Express, React, jQuery, Bootstrap, Material UI, HTMX

**Testing Frameworks** - Jest, React Testing Library, Jasmine

**Databases and Persistence** - PostgreSQL, AWS S3, SQLAlchemy

**Tools and Technologies** - Git, GitHub, Insomnia, Figma

## ENGINEERING EXPERIENCE

**Software Engineer Intern**, Rithm School

San Francisco, CA - May 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 to plan and develop features using story points, 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- Wrote Slack integration to automate reminders to lecturers regarding unpublished lectures.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

**Portfolio Website and Blog** (Current)

[GitHub](#)

Django, PostgreSQL, Bootstrap, HTMX, Hyperscript

- Implemented a blog application that allows users to search, comment on, and browse similar posts by tag.
- Used HTMX to update site content dynamically from the server, creating a seamless, SPA-like user experience.

**Jobly** - Job board application

[Demo](#) | [GitHub - Frontend](#) | [GitHub - Backend](#)

Express, React, PostgreSQL, Material UI

- Mapped out the React component hierarchy as a blueprint for the development process, accounting for the essential state, props, and context for each component.
- Utilized RESTful API calls from the frontend to the backend to fetch and update job posting data.

**Warbler** - Twitter clone

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

Flask, PostgreSQL, SQLAlchemy, Jinja

- Implemented a secure JWT login and authentication system, ensuring user privacy and account protection and enabling the authorization of API endpoints.
- Performed CRUD operations on the database using SQLAlchemy ORM.

**Friender** - Online platform for finding friends

[GitHub - Frontend](#) | [GitHub - Backend](#)

Flask, React, AWS S3, PostgreSQL

- Used Amazon S3 to store user-uploaded photos, enhancing storage and retrieval performance.
- Leveraged models' relationships to filter out previously rated users' profiles, optimizing the matching process.

## 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.