

Sarah Stockton

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Software Engineer

Experienced full-stack engineer skilled in JavaScript, Python, Django, Flask, Express, Node, React, and more. Proven track record in delivering code that positively impacts the bottom line, enhancing team performance, and boosting new developer success rates. Proficient in automation and bug fixing, with a passion for continuous learning.

SKILLS

Amazon Lightsail, Amazon S3, Bootstrap, CSS, Django, Express.js, Flask, Full-Stack Development, HTML5, Jasmine Framework, JavaScript, Jest, Jinja, jQuery, Node.js, PostgreSQL, Python, React.js, REST APIs, Ruby on Rails, SQLAlchemy, TypeScript, unittest

WORK EXPERIENCE

Rithm School • 09/2021 - Present

Software Engineer / Teaching Assistant

- Developed a Python script leveraging Selenium and bash scripting to automate assessment grading setup, achieving a 10% efficiency gain each week.
- Built a multi-page form involving several models that incorporated django-formtools to selectively display different questionnaire pages to different users per their data in our database with 100% test coverage.
- Guided student interns through agile methodologies, resulting in consistent delivery of 98%+ test coverage and high-quality, well-documented code. Aligned with software engineering best practices and strategies, leading to improved overall team performance.
- Collaborated to deliver fullstack web development curriculum to bootcamp students, while making continuous improvements to the course to keep up with current technologies.
- Provided live code reviews and written feedback on thousands of lines of student code weekly, leading to graduates securing engineering jobs at top industry rates.

Software Engineer / Community Manager

- Uncovered and fixed a bug in Rithm's public-facing codebase, resulting in the recovery of 10,000+ missed contacts and the implementation of a lead generation pipeline. Significantly boosted lead acquisition.
- Designed, wrote copy for, and coded the implementation of a new webpage and enrollment form using Figma and Ruby on Rails resulting in a 25% enrollment boost for the Private Prep course.
- Supported the education team by code reviewing assessments, assisting students in lab, delivering lectures, and developing educational materials.

Software Engineer Intern

- Wrote and implemented a custom authentication mixin to Rithm's Django LMS that only allows students to see pages relevant to their current cohort.
- Improved staff users' experience by creating a new view that queries the database and displays their upcoming lecture and exercise responsibilities.

Boundless Flute • Middletown, CT • 08/2015 – 09/2021

Owner and Flute/Woodwind Repair Specialist

- Created marketing materials, designed and maintained website and social media accounts, handled customer service and billing, maintained financial records, managed orders and inventory, facilitated instrument sales, cared for and repaired the highest level of handmade flutes.
- Garnered an international following of thousands of flutists across multiple platforms via my video podcast, A Screw Loose. Hosted some of the most renowned flutemakers in the world, and created a profitable Patreon for flute repair techs to gather and learn together

Westbrook Public Schools • 08/2006 – 06/2016

Music Educator

- Scaffolded complex musical topics to be engaging, creating a spiral curriculum that built and expanded sequentially on previous knowledge.
- Led and coordinated region-wide professional development for music teachers in southeastern Connecticut.

EDUCATION

Full Stack Web Development Bootcamp

Rithm School • 06/2021 – 10/2021

MMED in Music Education

The Boston Conservatory

BM in Flute Performance

University of Connecticut

PROJECTS

Again?! • 11/2023 – Present

Night Cat Productions

Collaborate with Webby Award-winning mobile app developer, and a team of medical and legal professionals to design, build, and deploy the backend for a new period tracking app, set to be released in 2024. Uses an Amazon Lightsail instance running Amazon Linux with a Postgres database, Django and Django REST Framework, Gunicorn, Nginx, and Let's Encrypt.