Sarah Stockton

Full Stack Software Engineer

sarahstockton.dev | github | linkedin

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EXPERIENCE

Software Engineer Intern @ Rithm School

SEPT 2021 // *San Francisco, CA (remote)*

➢ Created a custom authentication mixin in Django to allow students to only see pages associated with their cohort on the Rithm School Student Information System site.
➢ Improved staff users' experience by implementing a new page that displays their upcoming lecture and exercise responsibilities.
➢ Used Django's EmailMultiAlternatives to automatically bcc the instructor assigned as the grader when a student submits an assignment.
➢ Maintained the codebase's 99% test coverage by updating existing tests or writing new ones as necessary.

Owner & CEO @ Boundless Flute

AUG 2015 - OCT 2021 // *Middletown, CT*

➢ 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.
➢ Employed 3D modeling software (Rhinoceros) to design custom flute parts for casting in precious metals.

Music Educator @ Westbrook Public Schools

AUG 2006 - June 2016 // *Westbrook, CT*

➢ Scaffolded complex musical topics to be engaging, creating a spiral curriculum that built and expanded sequentially on previous knowledge.
➢ Designed, implemented, and refined curriculum through an iterative and data-driven process.
➢ Doubled the participation in the instrumental music program.
➢ Led and coordinated region-wide professional development for music teachers in southeastern Connecticut.

PROJECTS

Jobly – A job-search app using React, Express, Node.js, Bootstrap, PostgreSQL, JSONSchema, JWTs, and bcrypt. demo | github

Warbler – A Twitter clone using Flask, Python, PostgreSQL, SQLAlchemy, Jinja, and WTForms. demo | github

SKILLS

Programming Languages & Technologies:
JavaScript, Python, HTML, CSS, Node.js, TypeScript, AWS S3

Libraries:
React, jQuery

Frameworks:
Express.js, Flask, Django, Jest, Jasmine, unittest, Bootstrap

Database Technologies:
PostgreSQL, SQLAlchemy

EDUCATION

Rithm School
JUN 2021 - OCT 2021
// San Francisco, CA (remote)
Full Stack Web Development

The Boston Conservatory
JUN 2011 - AUG 2012
// Boston, MA
M.M.Ed. in Music Education

University of Connecticut
AUG 1999 - MAY 2003
// Storrs, CT
B.M. in Flute Performance

LEADERSHIP/ VOLUNTEERING

FluteFest
FEB 2016 - PRESENT
// MIddletown, CT
Creator of and project manager for an annual gathering of flutists on the East Coast.
www.flutefest.org