

Steven Zheng

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TECHNICAL SKILLS

Languages - Javascript, Typescript, Python, SQL, PostgreSQL, HTML, CSS, Object-oriented programming

Libraries/Frameworks - React, Express, Flask, Django, Node.js, Next.js, jQuery, Bootstrap, Tailwind

Testing Tools/Methodologies - React Testing Library, Jest, unittest, agile development, scrum

Developer Tools - JIRA, Git, Github, Zapier, Retool, MongoDB, AWS, RESTful APIs, Jinja, Heroku

SOFTWARE ENGINEERING EXPERIENCE

Software Engineer Intern

Jun 2023 – Jul 2023

Rithm School - SIS(Student Information System)

San Francisco, CA

- Engineered an announcement notification feature and implemented an optimized filtering system for the Django admin panel, resulting in a 98.89% test coverage.
- Identified and removed underutilized features from UI, produced new 'enrolled' action, resulting in heightened user interaction and UX.
- Modernized legacy code in web applications, utilized Django's ORM to streamline the relational database schema, enabling a 30% reduction in survey creation time.
- Collaborated in a team of 9 on agile development practices; participated in daily scrums and committed to 1-week sprints, resulting in consistent and timely code contributions.

TECHNICAL PROJECTS

ShareBnB

[Live Demo](#) | [Github](#)

- Designed and optimized a relational database schema for API integration and SQLAlchemy server performance, enhancing scalability and potential query efficiency.
- Developed and implemented an API for photo uploads to AWS S3, elevating the user experience.
- Integrated reverse geoCoding algorithm for mapbox markers, boosting marker placement accuracy by 90%.

Warbler

[Live Demo](#) | [Github](#)

- Crafted unit tests to identify and debug issues, ensuring code reliability and boosting test coverage by 30%.
- Added user authentication/authorization to RESTful API routes utilizing Bcrypt password hashing.

Jobly

[Live Demo](#) | [Github](#)

- Built a frontend ReactJS single-page-application with protected routes only accessible by registered users.
- Developed backend solution using TDD methodology and automated unit testing, achieving a consistent 99.54% test coverage.
- Added authorization/authentication using JSON Web Tokens and encrypted passwords with Bcrypt library.

ADDITIONAL WORK EXPERIENCE

Product Manager

Aug 2020 - Nov 2022

Flyhomes

San Mateo, CA

- Spearheaded a team of 3 associates in developing an onboarding system using automation via Zapier, enhancing SLA turnaround time by 50% through workflow automation and product testing.
- Leveraged Agile methodologies to develop an MVP for contract audits with Retool and formulate user test cases, reducing contract error rates by 30% through collaboration with cross-functional teams.
- Developed a brokerage policy management system, streamlining operations and saving the company over \$17k/year in third-party solution costs.

Closing Advisor

Jul 2019 - Aug 2020

Flyhomes

San Mateo, CA

- Enhanced customer experience by reducing processing time by 25% through training of the operations team and implementation of refined documentation and workflows.
- Managed 200 time-sensitive closings using the Kanban framework, implemented quality assurance checks, and liaised between multiple stakeholders, achieving a 95% on-time closing rate.

EDUCATION

Rithm School

2023

Full Stack Web Development Bootcamp

San Francisco, CA

San Francisco State University

2016

B.S Business Administration - Concentration in Finance

San Francisco, CA