JOSHUA ASHMALL-LIVERSIDGE

jliversi.dev@gmail.com   LinkedIn   Github   jliversi.com   Brooklyn, NY

SKILLS

JavaScript, Typescript, Ruby, Python, SQL, React, Ruby on Rails, Node.js, jQuery, Redux, Express, PostgreSQL, Docker, Webpack, Git, Bash, HTML5, CSS3, Sass, Full-Stack Web Development

EXPERIENCE

Persado
Software Engineer, April 2021 - September 2022

- Worked as a member of an 8-person team to contribute to a sophisticated language generation platform used by Persado's copywriters to generate high-quality, tailored marketing language for clients, as well as providing advanced reporting, analytics, and editing capabilities for maximum efficiency and quality assurance; used Ruby on Rails and React to implement features, bug fixes, and complete technical chores to reduce existing technical debt
- Completed a major refactoring project to overhaul the storage of language alternatives in the app, resulting in significant performance improvements, reduced error rates, and increased maintainability of the codebase. This involved re-architecting the database schema, rewriting key backend functionality, and rebuilding frontend components to seamlessly integrate with the new data model
- Performed regular code reviews for team members before code was merged, testing code, providing constructive feedback, and ensuring best practices
- Converted three major application UI features from deprecated backbone.js code to React components, increasing speed, readability, and maintainability
- Collaborated with remote product and QA teams to develop plans and estimate development time for new features, as well as testing new features and bug fixes before production release. Used Gitlab's CI/CD pipelines and Kubernetes to manage deployments to various sandboxes for QA testing and product approval
- Fulfill ad-hoc product and user requests: migrate and update data, generate reports in SQL, provide live user support through Slack, and research history of legacy features for product direction
- Mentored junior developers on contributing to the application as well as design principles, debugging strategies, and best practices within the organization

App Academy
Software Engineer / Lead Instructor, February 2019 - February 2021

- Collaborated with a team of 4 following agile development practices to overhaul enrollments system in student information software (Rails, SQL, and React/Redux stack), allowing for the tracking of students across multiple cohorts
- Led bicoastal committee in maintaining and improving 24 assessments used to measure knowledge of student engineers, built using Test Driven Development best practices with RSpec, Capybara, Jasmine, and Jest; Supervised and contributed to the production of 3 new assessments, using historical data to identify common gaps in student knowledge
- Managed teams of 4-6 in teaching full-stack development course to cohorts of 30-60 students, graduating over 500 students into web development jobs
- Trained teams of software engineering instructors in technical skills and best andragogical practices, providing regular feedback with weekly one-on-ones and regularly scheduled performance reviews
- Supervised the construction of full-stack Rails + React web applications for over 80 students, conducting daily stand-up meetings and providing regular code reviews
- Delivered weekly lectures on technical topics including Object Oriented Programming, Data Structures, and the Client-Server Model, as well as on specific technologies include Ruby on Rails, JavaScript, React, and Redux

EDUCATION

App Academy - Full-Stack web development (Winter 2018)
Brandeis University - *BA - Philosophy*   (Spring 2015)