BEN COSTOLO

SOFTWARE ENGINEER

CONTACT

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📍 Brooklyn, NY

SKILLS

Languages: ECMAScript 2023, Typescript, HTML, CSS, SCSS, Python, SQL, Ruby, PHP

Frameworks: React, Node, Express, Flask, Rails, Laravel

Tools: Git, Unix, Docker, PostgreSQL, Google Cloud, Firebase, various APMs (Sentry, New Relic, Datadog), various CI/CD platforms (CircleCI, Github Actions, Travis), various testing libraries (Jest, Playwright, Chromatic, Enzyme, React Testing Library, Jasmine)

EDUCATION

Dev Bootcamp - NYC

2015

North Carolina State University

B.S. Microbiology
2010-2014

WORK EXPERIENCE

Software Engineer

Aperture Education   April 2022 - February 2024

- Participated in design sessions, coordinated with product and backend engineering teams, and routinely provided relevant stakeholders weekly updates via Confluence while building and testing our data-driven Student Intervention Package product offering.
- Led implementation of an overhaul to our front-end unit and end-to-end testing.
- Implemented automated deployments, hosting, and interaction testing of Storybook stories.
- Increased insight into web application health by implementing front-end monitoring via New Relic.
- Helped to plan and implement a new feature development procedure including Git branching strategy and release automation.

Software Engineer II

Trade   March 2020 - March 2022

- Built APIs in Express and Rails, and their respective clients on the front end.
- Led the implementation of Redux for front end state management.
- Wrote a small library to utilize the API of our headless CMS in order to provide product team members dynamic control over copy and layout styling of React components in staging and production.
- Worked closely with our design and platform team to implement unique experiences for the 2020 and 2021 gifting seasons.
- Built a prototype mobile application in React Native.

Software Engineer

Torch Dental   February 2019 - February 2020

- Led the team to adopt a standard for front-end code formatting and implemented automated code formatting pre-commit.
- Led the unification and testing of crucial front-end business logic
- Actively participated in cross-functional design sessions, taking features from ideation to production.
- Added mobile responsiveness while refactoring a monolithic Sass file to modular component stylesheets.

Full Stack Engineer

Phido/Petflow.com   April 2017 - January 2019

- Launched the React web app and Laravel API of our ~$3M/year e-commerce platform Endless Aisles.
- Built an internal Laravel application for managing Endless Aisles customers and orders.
- Built a React/Redux web application to help standardize geographic data and unique identification of pet stores for analytics and sales leads purposes.
- Developed new features and provided legacy support for Petflow.com, a $50M/year pet e-commerce site.

Optimization Engineer

Brooks Bell   November 2015 - March 2017

- Translated designs into customer facing web pages and built web page variations for A/B testing across multiple platforms.
- Led the adoption of ES6 by our team by writing an automated transpiling build system and created a Javascript style guide.
- Built an Express application to allow analysts to run R scripts from a responsive web interface, including a jobs queue and websockets for live updates.
- Developed materials for and led an on site training seminar for Toys R Us that focused on the technical side of A/B testing and how to write efficient code for A/B tests.
- Worked in tandem with another team member to build and deploy a site wide redesign to the toysrus.com, which was visited by over 2 million unique users.