

ZACH GAWLIK

Product-driven, user-focused developer

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github.com/zachgawlik
Brooklyn, NY

EXPERIENCE

Bluecore New York, NY

Senior Frontend Software Engineer Feb 2019 - Present

Software Engineer Sept 2017 - Feb 2019

Retail marketing platform

- Launch key product features for large-scale single-page web application using React, Redux, and Flow
- Spearhead best practices for component reusability, state management architecture, and testing patterns for improving code quality and maintainability
- Directed full-stack initiative that reduced static validation and build time by 75%, cut end-to-end test run time by 83%, and merge-until-live time from 24-48 hours to 0-24 hours
- Architected and implemented generating deploy previews on code push, serving the changes live at a query parameter matching branch name, improving both automated and manual validation of changes for frontend pull requests
- Created internal component library documentation site that included live editable examples, information generated from prop typing, and descriptions written with MDX
- Developed codemod to convert 409 CoffeeScript components into JSX to eliminate a primary source of technical debt

HubSpot Cambridge, MA

Software Engineer Co-op July 2016 - Dec 2016

Inbound marketing and sales platform

- Built new template marketplace written in React and Redux to promote adoption of company's content management system
- Created autocomplete search bar and advanced filtering to help surface products relevant to the consumer
- Coordinated and implemented project redesign and design system upgrade with infrastructure team, deploying in 14 days

Yeti LLC San Francisco, CA

Software Developer Co-op July 2015 - Dec 2015

12-person agile software consulting startup

EDUCATION

Northeastern University Boston, MA

B.S. Computer Science and Mathematics May 2017

- Graduated with University Honors Program Distinction
- 3.95/4.00 GPA *summa cum laude*

TECHNOLOGIES

Frontend

- JavaScript ES6+
- HTML5
- CSS3
- Sass
- Cypress
- React
- Redux
- Flow
- Webpack
- Jest

Backend

- Python
- Node.js
- MySQL
- Django

Tools

- Git
- Google Cloud Platform
- CircleCI
- Unix
- Vim

PROJECTS

webpack-stats-diff-plugin

npm.im/webpack-stats-diff-plugin

- Webpack plugin to report bundle size changes relative to the prior build or earlier recorded builds
- Establishes feedback loop on the impact of webpack configuration changes, empowering developers to optimize compilation for performance
- Configured with continuous deployment to publish the update to npm following a successful test run

VSCode Convert Object to JSX

zachgawlik.com/convert-object-to-jsx

- VS Code extension to convert between JavaScript object and JSX prop formats upon pressing a keyboard shortcut
- Saves developer time for common workflows like writing React component tests
- Built with TypeScript