Brian Carstensen

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Web developer with a background in design, generally focused on UX and accessibility. Experienced with TypeScript/JavaScript (including React, Vue, and Node.js), CSS, (including SASS, LESS, Stylus, and PostCSS), SVG, and HTML.

Experience

ISeeChange — New Orleans, LA • 2020–2025
Climate infrastructure resilience platform

- Built and maintained user- and customer-facing web apps (React, TanStack Query; Vue, Vuex; TypeScript)
- Integrated first- and third-party APIs (Node.js, Esri ArcGIS, Mapbox)
- Implemented end-to-end testing (Playwright)
- Deployed web/native apps to iOS and Android app stores (Ionic Capacitor)
- Managed front-end infrastructure (GitHub Actions, Netlify)

RedShelf — Chicago, IL • 2019–2020
Online e-reader for college textbooks

- Maintained a large single-page app (Ember, Custom Elements, JavaScript)
- Trained in accessibility (Deque)
- Mentored junior developers

Crowdpac — San Francisco, CA • 2016–2019
Civic crowdfunding platform

- Roadmapped and implemented code migration from jQuery to Vue.js
- Introduced dependency management and build system (NPM, Webpack)
- Introduced integration testing (Selenium WebDriver)
- Maintained static HTML templates (Laravel, PHP)

University of Oxford & Adler Planetarium — Oxford, UK • 2014–2016; Chicago, IL • 2011–2014
***The Zooniverse* online citizen science platform**

- Steered the architecture of our SaaS platform (React, Node.js)
- Designed and implemented web-based image annotation interfaces (Backbone, jQuery, SVG, CoffeeScript)
- Created and maintained open source libraries for vector image editing
- Collaborated with a wide variety of external research teams

Vodori — Chicago, IL • 2008–2011
SaaS platform for the life science industry

- Started out in a UX design role, transitioned to first dedicated front-end developer
- Modular UX components (Dojo Toolkit, RequireJS)
- Wrote and maintained static HTML templates (JSP)

Wagner/Donovan Design — Chicago, IL • 2006–2008
Print and interactive design agency

- Designed and made press-ready printed materials (Adobe InDesign, Photoshop, Illustrator)
- Designed and implemented websites (HTML, CSS, jQuery, PHP, MySQL).

Education

Columbia College Chicago — Chicago, IL
BFA in graphic design

Links

GitHub
— https://github.com/brian-c

LinkedIn
— https://www.linkedin.com/in/briancarstensen