

# Ash Johns

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## Tech Stack & Tools

Languages – HTML, CSS, Sass, JavaScript, TypeScript

Libraries and Frameworks – React, Next.js, Astro, Storybook, Vite, npm, Jest, Testing Library, GraphQL

Paradigms – Web Accessibility (WCAG), ARIA, Design Systems, Git, CI/CD, CMS, Docker, Unit Testing, REST APIs, Figma

## Experience

**Senior UX Front End Developer** | Boston Scientific

Oct 2021 - Jun 2024

- Developed and shipped React component library and platform agnostic tokens packages for the Anatomy Design System via npm and cdn.
- Prioritized scalability and developer experience by developing performant and extensible components.
- Integrated Storybook into component library for testing and documentation.
- Packaged ESLint, Prettier, and Stylelint configs to reduce duplicative efforts and ensure code adheres to quality standards across products.
- Partnered with designers to implement modes and themes for React component library via tokens, leveraging Style Dictionary, the Figma API, and npm to automate publishing.
- Built documentation site for the Anatomy Design System from the ground up including setting up the CI/CD, build/development process, and pulling content from Contentful.
- Led ideation and development of web sustainability dashboard leveraging websitecarbon API, D3, and serverless functions to render data visualizations.
- Ensured code conformed with WCAG 2.1 Level AA, and consistently exceeded minimum targets.
- Led collaboration with product teams on integrating Anatomy into their own platforms.
- Mentored developers as a front end subject matter expert, paired on and reviewed code, established bi-weekly 1:1s series.

**UX Developer** | Epsilon

May 2019 - Oct 2021

- Developed an Angular component library (Blueprint) from concept to production.
- Ensured all components were Web Content Accessibility Guidelines (WCAG) compliant.
- Presented webinars and paired with product teams and devs.
- Mentored interns and new-grad developers on the team.

**Code Coach** | The Coder School

Jul 2017 - May 2019

- Taught students ages 8 - 18 to program HTML, CSS, JavaScript, Python, and Scratch.
- Developed curricula for classes and small tutoring sessions.
- Worked closely with other coaches to deliver the best learning environment for our students.

## Education

**B.S. Informatics** | **Minor I.T.**

University of Massachusetts Amherst | 2018