

SUMMARY

Senior Software Engineer with 10+ years of experience building and maintaining websites and web applications. Extensive knowledge of accessibility, usability, UI/UX, and web technologies (JS/TS, HTML, CSS).

EXPERIENCE

Senior Software Engineer @ Grassroots Analytics

August 2025 - Present

- Built multi-tenant dashboard in Next.js app for analyzing fundraising trends for politicians and non-profits
- Implemented custom data visualizations and data filters using React, shadcn/ui, and Tailwind
- Led automated testing effort by designing and implementing Playwright automated tests
- Created CI/CD pipeline for automating testing, linting, and deployments using GitHub Actions

Senior Software Engineer @ College Board

March 2020 - July 2025

- Led development of College, Career, and Scholarship Search sites on bigfuture.collegeboard.org
- Built BigFuture's Career Quiz which has been taken over 2 million times with 85% completion rate
- Managed 7 separate React.js applications concurrently with multiple teams
- Transitioned single page React applications to Next.js with SSR for better SEO and performance
- Developed accessible UI component libraries built using React, styled-components, and SCSS
- Implemented server-side business logic using AWS Lambdas and the Serverless framework

Software Engineer @ Level Access

November 2017 - March 2020

- Developed existing Continuum browser extension used for detecting and fixing accessibility issues
- Maintained existing accessibility auditing and remediation web apps using jQuery and PHP
- Built accessible components from designed mockups using React, TypeScript, and custom CSS/SASS
- Focused on improving usability and accessibility of software products

Software Engineer @ Accenture Federal Services

June 2015 - November 2017

- Developed complex single-page applications using Angular.js and Bootstrap
- Tested and remediated accessibility issues as a DHS Section 508 Certified Trusted Tester
- Implemented system of microservices built with Java, Spring Boot, and Oracle SQL databases
- Communicated and planned project roadmap with the product owner and team

EDUCATION

B.S. in Computer Science w/ Studio Art Minor

University of Virginia, School of Engineering and Applied Science

August 2011 - May 2015

SKILLS

- **Languages** - JavaScript, TypeScript, HTML, CSS, Java, PHP
- **Frameworks** - React.js, Next.js, Angular.js, Spring
- **Libraries** - React Router, TanStack Query, Styled Components, Apollo Client, Redux, Sass, jQuery
- **Tools** - Node.js, AWS, Webpack, Vite, Rollup, GraphQL, Babel, Eslint, Stylelint, Prettier
- **Testing** - Vitest, Jest, React Testing Library, Mocha, Chai, Sinon
- **Tech** - Web Components, Web Extensions, Module Federation, Micro Front-ends