

Allison K. Williams

FRONT END SOFTWARE ENGINEER

Front End Software Engineer with a demonstrated history of creating well-designed, appealing projects that just work. For 6 years, I have been creating user-centric websites that show lots of information clearly - most recently that's been using JavaScript, HTML, CSS, Node, and libraries like React, Redux, and GraphQL.

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EXPERIENCE

3C Institute - Frontend Developer 2022-PRESENT

3cisd.com provides a customizable platform for social, emotional, and behavioral health learning. I am a member of a 12 person engineering team that creates robust metrics, easy exports of data, and customized data visualization for dynamic outcome assessment.

- **Dynamic User Interfaces** | Built multiple websites with more than half a million page visits combined. Manipulated the DOM with React and added user interactivity with JavaScript. Automated tasks, compiled code, and managed dependencies using NPM, Webpack, and Lerna.
- **API Consumption and Creation** | Experienced at fetching and displaying data from Restful APIs using Apollo and GraphQL. Collaborate across the stack to construct and use APIs.
- **Forms and Surveys** | Constructed data collection and rostering forms using Formik and Redux Form. Streamlined adding users and data entry with clear error messages and smooth UX.
- **Leadership, Communication, and Cost-Savings** | Led a 14-person team consisting of QA analysts, Graphic Designers, DevOps, Project Managers, and other developers to move 30+ WordPress sites from one host to another over 8 months. Wrote self-serve documentation guiding non-technical employees to create and maintain WordPress sites, freeing up 1 hour per week of developer time.
- **Accessibility and Cross-Browser Compatibility** | Utilized Redux and TanStack Query to refactor multi-level reports which optimized performance. Rebuilt data visualization presentations with Nivo.js and D3.js. Adapted HTML and CSS to ensure web accessibility for more users. Ensured websites worked across various web browsers.

3C Institute - Junior Web Applications Developer 2019-2022

- **Attention to Detail** | Collaborated with data scientists and non-technical stakeholders to identify crucial elements essential in the user experience. Created React single-page-applications using wireframes as guides.
- **Responsive Design** | Built websites and forms that work on different devices and at varying screen sizes. Utilized SASS and Bootstrap to make CSS maintainable and scalable.

- **Version Control** | Proficient in GIT for source code management and collaboration.

AT&T - Web Developer 2018-2019

I was a member of an 8 person team that met bi-weekly sprint goals in a strictly-scoped agile environment using JIRA. Learned the software development lifecycle.

- **Code Reviews** | Provided and received weekly code reviews using JavaScript, HTML, and CSS.
- **Testing and Quality Assurance** | Wrote unit tests for each completed ticket. Tested two of my peer's tickets per each ticket I completed.

ADDITIONAL EXPERIENCE

InterVarsity - Area Director 2004-2016

InterVarsity is a non-profit, national organization that helps college students thrive on campus.

- Supervised geographically dispersed team of 12-18 direct reports.
- Managed budget of \$600,000+ and increased annual giving each year.
- Recruited, interviewed, and placed 60 employees.

TECHNICAL SKILLS

HTML • CSS • JavaScript • React.js • Redux • GraphQL • SASS • TanStack Query • Nivo.js • Node.js • NPM
MySQL • Journey-Mapping • Data Visualization • GIT/Version Control • Agile Methodology

EDUCATION

Randolph-Macon College, Ashland, VA - Bachelor of Arts (Honors)

Phi Beta Kappa (academic Honor society), Four-time Varsity Letter Recipient, NCAA Division III Basketball

Coding Bootcamp at UNC-Chapel Hill - Full Stack Certificate 2018

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