Nathan Parchment

Front End Developer

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PROFESSIONAL SUMMARY

Accessibility and user friendly driven front-end developer with hands on experience building and optimising web interfaces. High ability to carry out accessibility audits using ReciteMe checker and performance audits using Google lighthouse to improve Core Web Vitals, user engagement and usability for web users.

SKILLS

- **Languages:** JavaScript, HTML, CSS/SASS, PHP, SQL (MySQL)
- **Frameworks & Libraries:** React, Node.js, WordPress, Material UI, Tailwind CSS, jQuery
- **Accessibility & Performance:** Accessibility auditing, WCAG compliance, Performance audits, Core Web Vitals optimisation
- **Technical Skills**: NPM, Git + GitHub, Render, Figma, Miro

EXPERIENCE

Web Developer   *Nov 2021 - Present*

BCUSU   Birmingham, UK

- Deliver user experience and interface optimisation to enhance engagement and reduce bounce rates by 20% since 2023.
- Fulfil accessibility audits using the ReciteMe checker, and make sure improvements align to WCAG standards whilst increasing web accessibility scores from 45% to 60%.
- Conduct performance audits using Google Lighthouse to identify and resolve issues that can affect core web vitals and site speed.
- Working with design and marketing teammates to improve UI for high traffic features, including a redesigned elections interface that contributed to a university elections record of 7,120 voters in 2025–26.
- Collaborated with external CMS provider (MSL) to plan and deliver front-end features including website re-design, society groupings templates, and school rep systems to build into production ready code.
- Planned, designed, and developed an interactive society quiz, performing end to end delivery including bug fixes, testing, and embedding on the website; post launch analytics show strong user engagement with 73% engagement rate, 26.7% bounce rate, and an average session time of 2m 39s.

PROJECTS

BCUSU Society Quiz | Website | GitHub   *Sep 2025*

- Built an interactive society quiz using front end technologies and API integration, handling bug fixes, testing, and embedding into the live website.
- Perform end to end delivery, including QA checks, accessibility checks, and performance validation before going live.

FitrQuest | Website | GitHub   *Sep 2024*

- Developed a quiz application, handling asynchronous fetches, state management, and route protection via JWT authentication.
- Debugged CORS and cross origin communication issues to make certain a smooth flow between frontend and backend
- Designed application towards accessibility and user convenience and perform testing to enhance usability and reduce errors.

EDUCATION

Birmingham City University   *Birmingham, UK*

BSc (Hons) Digital Media Technology   *Sep 2016 – May 2019*