

Nathan Parchment

Front End Developer

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PROFESSIONAL SUMMARY

A front-end developer who builds responsive, user focused web interfaces using modern technologies such as JavaScript, React, tailwind and other backend tools. Experienced in translating digital wireframes into production ready code, integrating APIs, and improving UI performance and usability. Strong collaboration skills showcased through working with designers, commercial teams, and external CMS providers to deliver interactive features and scalable front-end components.

SKILLS

- **Languages:** JavaScript (ES6+), HTML, CSS3, PHP, SQL (MySQL)
- **Frameworks & Libraries:** React, Node.js, WordPress, Material UI, Tailwind CSS, jQuery
- **Accessibility & Performance:** WCAG compliance, Performance audits (Lighthouse), Core Web Vitals optimisation
- **Technical Skills:** NPM, Git, GitHub, Render, Figma, Miro, ClickUp

EXPERIENCE

Web Developer	<i>Nov 2021 - Present</i>
BCUSU	Birmingham, UK
• Deliver user experience and interface optimisation to enhance engagement and reduce bounce rates by 20% since 2023. • Develop and optimise front-end features and user interfaces to improve usability and engagement across the organisation’s primary website. • Conduct accessibility audits using the ReciteMe checker, and make sure improvements align to WCAG standards whilst increasing web accessibility scores from 45% to 60%. • Carry out performance audits using Google Lighthouse to identify and resolve issues that can affect core web vitals and site speed. • Collaborate with our designer, marketing and external teams to Implement responsive production ready web features from design specifications provided in Figma. • 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 2024–25. • Worked 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	<i>Sep 2025</i>
• Developed an interactive quiz front end feature tool that is integrated into the live website. • Implemented client-side logic, API data handling and responsive UI components. • Perform end to end delivery, including QA checks, accessibility checks, and performance validation before going live. • Need to ensure responsive behaviour on all devices and browsers.	
FitrQuest Website GitHub	<i>Sep 2024</i>
• Developed a quiz application, handling asynchronous fetches, state management, and route protection via JWT authentication. • Debugged CORS and cross origin communication issues to ensure smooth data flow between frontend and backend services. • Designed application towards accessibility and user convenience and perform testing to enhance usability and reduce errors.	

EDUCATION

Birmingham City University	<i>Birmingham, UK</i>
BSc (Hons) Digital Media Technology	<i>Sep 2016 – May 2019</i>