



# Cal Alton

Software Engineer

Manchester, UK

## Core Technologies:

- Javascript
- Typescript
- CSS
- SASS
- React
- Next.js
- Playwright
- Optimizely
- Zustand
- Storybook

## Others:

- Automation testing.
- Responsive web design.
- Performance optimization.
- Search engine optimization.
- Building core components in Storybook
- Communicating backend data structure.
- Self-motivated, and strive to achieve by any means necessary.
- Collaborate effectively with others. I employ a collaborative approach, evaluating team dynamics before contributing my thoughts and ideas to enhance teamwork.
- Continuous drive to innovate and enhance processes for swifter and more efficient outcomes.
- Uncovering unexpected and imaginative solutions that set me apart.

## Profile

Experienced front-end developer with a strong foundation in building interactive web applications using React and TypeScript. Eager to explore more about the rise of AI and back-end technologies, my passion for innovation drives me to expand my skill set and contribute to pioneering projects that seamlessly blend cutting-edge frontend design with powerful backend functionalities.

Being the social butterfly that I am, working remotely for the past couple of years hasn't been my cup of tea. I'm all about making new friends and forming connections while having a blast along the way. Honestly, I'd trade my home office for a real one any day.

## Experience

I have worked in a small number of diverse projects within the early stages of my career, I have adeptly navigated through various complexities and technologies, each contributing to my growth as an accomplished front-end developer:

### Pets at Home - Software Engineer

September 2022 - Present

- **Project Involvement:** I played a significant role in a new project right from its inception. This experience allowed me to gain valuable insights into the entire development process, from its early stages to its successful completion.
- **UI Component Design:** I had the responsibility of creating intricate user interface components using the Storybook framework. This involved designing complex elements that greatly enhanced the overall user experience.
- **Next.js Implementation:** I utilized Next.js to optimize the project's structure. This strategic approach improved the project's performance, SEO ranking, and user engagement, resulting in a more satisfying digital experience.
- **Collaboration and Data Integration:** I worked closely with the Director of Development and backend developers to ensure seamless data integration. This collaboration optimized the way frontend components consumed data and aligned it effectively with the Product Information Management (PIM) system.
- **Enhanced Application Security:** I took steps to strengthen our application's security and reliability. I achieved this by implementing automated testing using Playwright, which ensured a dependable and steadfast user experience.
- **Design Collaboration:** I collaborated closely with the design team to ensure that our development work aligned seamlessly with the envisioned product direction. This resulted in a visually appealing and user-centric end product.
- **Automated Testing Expertise:** Proficient in automated testing, specializing in Playwright for web application testing. Successfully transitioned from Cypress to Playwright for improved compatibility with Azure, enhancing the efficiency and reliability of testing processes.

### TalkTalk - Junior Engineer

June 2020 - September 2022

- **Apprenticeship Completion:** I successfully completed a Level 4 apprenticeship program, showcasing my unwavering commitment to continuous learning and professional growth.
- **Content Management:** Proficiently managing content using Contentful was a key aspect of my role. I streamlined content workflows, making the process more efficient and effective.
- **A/B Testing:** I conducted A/B tests using Optimizely, which played a pivotal role in enhancing user experiences and supporting data-driven decision-making.
- **Effective Communication:** Facilitating communication across various departments was crucial to our projects' success. I engaged with developers, UX designers, QA professionals, scrum masters, and product owners to ensure alignment and synergy.
- **Active Agile Participation:** I actively contributed to essential agile meetings, including sprint stand-up, refinement, retrospective, and review. This demonstrated my dedication to iterative development and effective teamwork.
- **Accessibility Initiatives:** I took charge of accessibility initiatives in the Service Centre, implementing automated tests to measure and improve accessibility standards, ensuring that our digital products were more inclusive.
- **Code Deployment Management:** Managing code deployment and releases through Azure and Github was a critical responsibility. I ensured a seamless transition of new features into the master branch, maintaining application stability.
- **Comprehensive Testing:** Designing comprehensive test cases and scripts while maintaining robust test coverage was part of my role. This ensured the integrity of our code and the stability of our applications.

### CodeNation - Apprentice Engineer

April 2020 - June 2020

- **Coding Bootcamp Experience:** I embarked on a transformative 12-week coding bootcamp, immersing myself in a dynamic curriculum that covered various technologies. From JavaScript to C# and Node.js, this experience significantly enhanced my technical skills.
- **Hands-On Projects:** To apply my theoretical knowledge, I undertook hands-on projects spanning diverse domains. From creating a versatile calculator and an engaging dice game to working with APIs in projects like Rick & Morty API and Weather API, these experiences solidified my practical command over various tech stacks.
- **Apprenticeship Journey:** I honed my skills as an apprentice software engineer, navigating complexities and challenges inherent to real-world development scenarios. This journey was a testament to my commitment to continual growth and excellence in the software engineering domain.
- **Online Learning:** I enriched my learning through live online classes, engaging with experts and fellow learners to expand my understanding and perspectives on various technologies.