

Luke Brannagan

Senior Frontend Engineer  Manchester, UK

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SUMMARY

specializing in scalable Design Systems, Web Performance, and Accessibility. Expert in modernizing legacy architectures and driving engineering best practices. Proven track record of reducing technical debt and mentoring teams to deliver high-performance, WCAG-compliant applications.

TECH STACK

Languages

TypeScript  JavaScript (ES6+)  HTML5  CSS3  C#  Golang 

Stack

React  Next.js  Node.js 

Tooling

Vite  Rollup  pnpm  ESLint  Prettier  Biome  Storybook 

Data

Zustand  Redux  TanStack Query 

Testing

Vitest

React Testing Library

Playwright

Styling

Tailwind CSS

CSS Modules

Styled Components

CMS

Contentful

Sanity

Storyblok

>_ WORK EXPERIENCE

● Senior Web Platform Developer

Jul 2023 – Current

@ Kroo

- **Achieved 100/100 Lighthouse Scores:** Led a comprehensive accessibility audit and refactor, ensuring full WCAG 2.1 compliance across core platform pages.
- **Boosted Developer Efficiency:** Built and deployed a scalable internal Design System using React and Vite, standardizing UI components across the engineering organization.
- **Modernized Frontend Architecture:** Migrated legacy codebases from CRA to Vite. Implemented Zustand and TanStack Query, significantly improving DX and application speed.
- **Driven Engineering Excellence:** Partnered with Product and Design to define frontend architecture and engineering best practices.

● Frontend Engineer

Feb 2023 – Jun 2023

@ Dexla

- **Shipped a Complex WYSIWYG Editor:** Engineered a drag-and-drop web builder using Next.js and React, delivering a seamless user experience for non-technical users.

● Frontend Engineer

Jul 2022 – Nov 2022

@ Primer

- **Cut Development Time by ~50%:** Scaled and enhanced the GOAT Design System, streamlining frontend workflows and ensuring UI consistency.

- **Reduced Operating Costs by 3-4x:** Re-architected the Observability platform to focus on performance, drastically lowering dashboard resource consumption.

● **Frontend Engineer**

Apr 2022 – Jun 2022

@ Harbr

- **Optimized Dashboard Performance:** Maintained and enhanced the core dashboard UI using React and Redux, improving load times and usability metrics.
- **Collaborative Feature Delivery:** Worked closely with Backend and Design teams to ship new product features in an agile environment.

● **Senior/Mid/Junior Frontend Developer**

Jan 2020 – Apr 2022

@ DEPT

- **Delivered Large-Scale Web Apps:** Built high-performance web applications for major clients within cross-functional agile teams.
- **Mentorship & Leadership:** Mentored junior developers on Next.js, React patterns, and Accessibility standards.
- **Performance Optimization:** Audited and optimized client sites to meet core web vitals requirements.

● **Junior Software Developer**

Jan 2019 – Dec 2019

@ Oliver James Associates

Developed full-stack internal dashboards using C#, ASP.NET, and JavaScript, contributing to QA and agile processes.