

JOSHUA ALLAN | LEAD FRONTEND ENGINEER

SPECIALIST IN ACCESSIBLE ENTERPRISE ARCHITECTURE & UI ENGINEERING

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SUMMARY

Lead Frontend Engineer with 12+ years' experience delivering accessible, high-performance web applications for enterprise clients including British Airways. Strong background in React, Next.js, TypeScript and scalable design systems, with experience leading development teams, shaping frontend technical direction and improving UI consistency across complex platforms.

QUALIFICATIONS AND CERTIFICATIONS

- Teesside University – BSC Computing – 2:1
- Scrum Alliance – Certified Scrum Master (lapsed)
- AWS – Cloud Practitioner
- AWS – Partner Accreditation (Technical)
- IAAP - A11Y Fundamentals Knowledge
- IAAP - Accessible Development Knowledge

TECHNICAL WRITING

Accessibility by Default — Independent technical publication on Medium covering accessible frontend development, WCAG, WAI-ARIA and accessible React components. Recent articles include Comboboxes, alongside articles covering forms, dialogs, tabs, disclosure and other common UI patterns.

SKILLS

FRONTEND ENGINEERING

React | Next.js | TypeScript | JavaScript | HTML | CSS | SCSS

ARCHITECTURE & UI

Frontend Architecture | Design Systems | Component Libraries | UI Engineering

ACCESSIBILITY

WCAG 2.2 | WAI-ARIA | Accessible Component Design | Keyboard Accessibility

FRAMEWORKS & LIBRARIES

Angular | AngularJS | Bootstrap | Foundation

TESTING & TOOLING

Unit Testing | Automated Testing | Manual Testing | Git | SVN

ADDITIONAL TECHNOLOGIES

Firebase | MongoDB

EMPLOYMENT HISTORY

LEIGHTON

LEAD FRONTEND ENGINEER - APRIL 2023 – PRESENT

- Act as Technical Lead across two development teams, shaping frontend technical direction and implementing a new design language.
- Led the implementation of new customer-facing functionality that generated over £500k in profit within the first month.
- Oversaw high-level design discussions, translating complex customer usability goals into technical solutions for the development team
- Collaborated closely with Business Analysts and business stakeholders to shape user stories, define functional requirements and guide delivery.
- Mentored developers on frontend engineering practices, modern JavaScript frameworks and implementation standards.
- Implemented WCAG 2.2 accessibility standards across development teams, embedding accessibility into frontend development practices and delivery

SENIOR SOFTWARE ENGINEER - FEBRUARY 2021 – APRIL 2023

- Spearheaded key development projects for major clients, including Home Group and British Airways, contributing to large-scale system integration and delivery.
- Contributed to team coding standards and quality practices while providing technical guidance and mentorship to junior developers.
- Successfully launched internal beta to British Airways staff for Manage My Booking to start gathering feedback for further iterations

SOFTWARE ENGINEER - JANUARY 2017 – FEBRUARY 2021

- Delivered frontend solutions across multiple client projects, developing expertise in Angular, React and modern frontend engineering practices.
- Worked within client delivery teams to develop, test and maintain production web applications.

FNVI

FRONTEND WEB DEVELOPER - JANUARY 2015 – DECEMBER 2016

- Developed and delivered 16 client websites across multiple projects, applying frontend development, UX and accessibility principles.
- Worked directly on client-facing web projects, translating requirements into responsive and user-focused frontend solutions.

GIGSOURCE

DEVELOPER - SEPTEMBER 2014 – JANUARY 2015

- Operated an independent web development business through the Digital City Fellowship, delivering a business website with a focus on frontend development and user experience.

CLICKSCO

INTERN - JUNE 2014 – SEPTEMBER 2014

- Contributed to the development of an MVP using MySQL, jQuery, HTML and CSS, successfully delivering the project within the summer internship timeframe.