

JOSHUA ALLAN | LEAD FRONTEND ENGINEER

SPECIALIST IN ENTERPRISE WEB ARCHITECTURE, DESIGN SYSTEMS & ACCESSIBILITY GOVERNANCE

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SUMMARY

Lead Frontend Engineer with a decade of experience delivering accessible, high-performance web applications for enterprise clients including British Airways. Proven track record of bridging engineering and business strategy - establishing design system architecture and leading multi-team deliveries that directly drive enterprise revenue. Strong background in React, Next.js, TypeScript, and web accessibility.

QUALIFICATIONS AND CERTIFICATIONS

- Teesside University - BSc (Hons) Computing (2:1)
- IAAP - Accessible Development Knowledge & A11Y Fundamentals Knowledge
- AWS - Certified Cloud Practitioner & Partner Accreditation (Technical)

TECHNICAL WRITING

Accessibility by Default (Medium) | Technical Author

- Author in-depth technical breakdowns on accessible frontend engineering, WCAG 2.2 standards, and WAI-ARIA implementation patterns in modern UI frameworks.
- Featured writer for Level Up Coding, publishing architectural guides on complex stateful components including Comboboxes, Dialogs, Tabs, and Disclosures.

SKILLS

ARCHITECTURE AND ENGINEERING

Frontend System Design | Enterprise Design Systems | Component Library Architecture | Micro-Frontends | Monorepos

CORE STACK

TypeScript | React | Next.js | JavaScript (ES6+) | HTML5 | CSS3 | SCSS

ACCESSIBILITY GOVERNANCE

WCAG 2.2 | WAI-ARIA Standards | Accessible Component Architecture | Keyboard Navigation Patterns

TESTING, TOOLING & WORKFLOW

Unit Testing | Storybook | Git | CI/CD Integration

SECONDARY & SUPPORTING

Angular | Firebase | MongoDB | REST APIs

EMPLOYMENT HISTORY

LEIGHTON

LEAD FRONTEND ENGINEER - APRIL 2023 – PRESENT

- Technical Lead for 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 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.