

Joseph Allen

Experienced Full-Stack Developer with strong focus on React, TypeScript, and Next.js. I've built high-performance, responsive applications in both start-up and enterprise environments, often leading small teams. With a background in the finance sector, I bring domain experience and an eye for quality UI/UX. I hold JLPT N5, and am familiar with Japanese working culture, and available to relocate from June.

Experience

Apr 2018 **Contract Front-End Developer, AvocadoGreen**

- Ongoing
- **SchemeAI:** Built a complex road-mapping dashboard using Next.js and REST APIs. Containerised with Docker, serving 2M+ data points per client.
 - **BilliDrop:** Developed a white-label lottery platform using Next.js and TypeScript, deployed across 30+ domains. Wrote unit tests with Jest.
 - **Paragon:** Led a 6-person team to build a video automation platform in React and Redux. Managed sprint planning, developer placement, and grant applications.
 - **Moreliquid:** Fractional CTO on FinTech startup. Chose tech stack and integrated automation into investor onboarding workflows. Helped win £100K grant; launched first tokenised Euro fund.
 - **Telux:** Team lead for React front-end rebuild, using Redux, Jest, and Storybook. Delivered UI aligned with strict design guidelines.
 - **Ortom:** Rewrote a React/Gatsby app, resulting in 10x increase in site traffic. Integrated GraphQL and optimised SCSS delivery.
 - **Raised by Google:** Delivered interactive social media artwork using React and Flask APIs. Built full stack with real-time integrations.

Sep 2022 **Senior Front-End Developer, N Brown PLC**

- Mar 2023
- Contributed to a large-scale Next.js credit application using React, Redux, and TypeScript.
 - Focused on front-end performance, testing, and component architecture.
 - Maintained comprehensive test coverage with Jest, React Testing Library, and Cypress.
 - Developed shared component libraries in Storybook and enforced coding standards.
 - Organised daily dev guild sessions and monthly speaker events to support knowledge sharing and upskilling.

Sep 2020 **Research Associate, University of Manchester**

- Mar 2022
- Designed and built a Codecademy-style training platform in React, teaching Python and data handling techniques.
 - Delivered training on synthetic data handling for UK Data Service.
 - Researched ethical data collection and performed analysis on social media trends (e.g., COVID symptom tracking).

Dec 2015 **Front-End Developer / Data Scientist, LateRooms.com**

- Mar 2018
- Built front-end interfaces and internal tools in the travel sector using React and Node.js.
 - Developed a reusable white-label booking platform as an npm package.
 - Collaborated with Data Science to deploy a new ranking algorithm, boosting revenue by 20%.
 - Wrote SQL queries and worked on Google Datastore integrations.
 - Delivered new React-based platform features in an agile, product-led environment.

Education

Bachelor of Computer Science and Mathematics with Industrial Experience, The University of Manchester, BA (Hons) 2:1

Skills

React, Next.js, TypeScript, Redux, JavaScript, HTML, CSS/SCSS, Node.js, Jest, Cypress, Storybook, GitHub, GraphQL, Firebase, Docker, GCP, AWS, Netlify, Vercel, Webflow, Heroku, SQL, Python