Joseph Allen

Curriculum Vitae

Skills

React, Redux, JavaScript, TypeScript, Node, Jest, RTL, Cypress, Storybook, HTML, SCSS, CSS, GitHub, Gatsby, GraphQL, Python, Firebase, SQL, Netlify, Vercel, Webflow, Heroku, GCP, AWS

Experience

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

- Moreliquid: Fractional CTO bringing emerging assets to market. Researched and selected technology partners to automate investor onboarding. Worked with marketing teams to deliver consistent content, track leads, and automate follow-ups. Won a £100,000 grant, joining Outlier Ventures RWA Base Camp. Launched the world's first tokenised Money Market Euro Fund.
- Led a team of six developers at Paragon Pictures, building a platform to automate video production using React, Firebase, Redux, and Prisma. Hosted on Netlify and Heroku. Navigated the UK's COVID Kickstart scheme, placing five developers, and drafted two Innovate UK grant applications.
- Built Ortom for a data science consultancy, increasing traffic tenfold. Developed with React, Gatsby, GraphQL, SCSS, and Netlify CMS.
- Built two React applications and a Flask API for the award-winning interactive installation Raised by Google, integrating social media-based user interactions.
- BilliDrop: Created a white-label lottery application in Next.js, serving over 30 domains. Built with TypeScript, tested with Jest, and deployed on Vercel.
- Led a team of four developers at Telux, building the updated front end in React with Redux for state management. Used Jest and Wraith for testing and maintained a Storybook component library.
- Developed the OurSongRequest MVP using React, Firebase, Express, and Google Cloud Functions.
- Created a platform for Red Meters using React, Gatsby, GraphQL, and Netlify CMS.
- Developed the Gene Machine player in JavaScript, promoting LA Priest's song to over 100,000 listeners.

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

- Developed and maintained credit application features in a Next.js app using React, Redux, and TypeScript.
- Implemented testing with Jest, React Testing Library, and Cypress.
- Developed a component library in Storybook.
- Organised and led developer guilds with daily programming challenges and monthly speaker events.

Sep 2020 — Mar 2022
Research Associate, *University of Manchester*

- Delivered training on synthetic data for the UK Data Service.
- Developed a Codecademy-style data skills training platform using React.
- Researched ethical use of Twitter data and tracked emerging COVID-19 symptoms using public datasets.

Dec 2015 — Mar 2018
Front-End Developer, *LateRooms.com*

- Built an npm package to generate white-label booking platforms, simplifying brand deployment with Node.js and SCSS.
- Developed a React dashboard to visualise geo-shape experiments for the Data Science team.
- Worked in a team developing a new React-based booking platform.

Education

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