

Asher Stoppard.

Javascript Consultant.

I'm a software engineering consultant specialising in isomorphic javascript applications, centralisation, open-source, javascript components, architecture, CI/CD and testing.

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About

I'm a contract Software Engineer specialising in Javascript and NodeJS with expertise in user-centered design, visual design, interaction design, information architecture, accessibility and web standards.

I have over seventeen years experience in both website design and software development. I am a data driven designer and developer, shaping user experiences based on research and analysis of quantitative and qualitative data. I combine this analytical approach with UI prototyping and UX experience to create visually engaging and highly usable products to industry accessibility standards.

Achievements

- Worked on an international platform delivering value across 24 countries for a multi-billion pound retail company.
- Integrated internal systems with ReactJS and MaterialUI for a FTSE250 company with over £150M in order throughput each month.
- Worked across five blue chip organisations on migrations or greenfield React projects.
- Integrated CI/CD pipelines with Terraform in AWS on server-less technology for fulfilment chains in a large retail project with resilience to cope with over 15,000 orders a minute.
- Worked as a technical lead and architect, up-skilling six teams to deliver an eight figure software project for a household name.
- Reduced build and test times for a medium-scale startup from over 3 minutes to just 7 seconds, saving around 2 hours of engineering time per week.

Skills

- Javascript (ES6/ES7) with Flow and Typescript transpiled with Babel
- NodeJS, Express and Koa
- Module bundling with Webpack and Parcel
- Monorepo configuration with Lerna and Yarn Workspaces
- React and frameworks including NextJS, AfterJS and Razzle served by Express/Koa
- Building reusable and responsive React components using styled-components and emotion (Previous experience with CSS3/Sass/SCSS and Less in OOCSS and BEM)
- Experience with Vue and Angular 1/2/4
- Postgres, DynamoDB, MongoDB and Firebase
- IAC experience with Cloudformation and Terraform on AWS, DigitalOcean and Zeit
- GraphQL configuration implementation using Apollo (Previous experience in RESTful micro services)
- Package management tools including NPM and Yarn with Veddaccio
- Unit testing utilising Jest, React testing library with experience in Mocha, Chai, Karma and Jasmine
- Semantically correct, SEO friendly, accessible page structuring with HTML5, Microformats and Aria accessibility attributes to AA and AAA WCAG2.0 standards
- GIT Repository Experience in GitHub and GitLab with a working knowledge of GitFlow
- CI/CD pipeline configuration with Docker, Jenkins, TravisCI and CircleCI
- Agile working methods with the Atlassian stack (Jira, Confluence and Slack)
- UX/UI and wire-framing and design experience

Experience



Kanexa September 2023 - Present day

Contract Lead Full-Stack Javascript Engineer

- Worked across multiple projects using a mixture of Typescript, Node, NextJS, React, GoLang, Styled Components and Storybook.
- Led the UI function of an internal finance management tool.
- Planned, architected, built, deployed and managed governance on a centralised component library for use across multiple products.
- Built CI/CD pipelines using Github Actions and Azure Devops for the testing and deployment of artifacts and services.
- Integrated commit message standards to ensure automated deployment versions for both artifacts and applications using semantic releases.
- Architected and built a gated deployment strategy for Cloudflare Pages
- Assisted building containerised services for Kubernetes Clusters.
- Worked closely with product, design and the wider directorate to give regular updates on timelines, progress, limitations, issues and recommendations on practices to help drive and foster a better working collaboration between teams.
- Integrated automated tests suites for accessibility and code quality alongside tooling for testing and maintaining required standards.
- Architected and implemented a secure authorisation strategy using Azure Entra and OIDC.

Redkite October 2021 - September 2023

Contract Lead Full-Stack Javascript Engineer

- Led the Front-End function on an internal data pipeline observation platform built with Typescript, React, GraphQL, Apollo, WebSockets, Styled Components and Storybook.
- Designed and architected a GraphQL solution over websockets with Apollo.
- Migrated separate repositories into a single, concise and easily maintained monorepo using Turborepo.
- Improved build processes and times, increasing performance and productivity using esbuild.
- Integrated CI/CD pipelines and build processes in Azure Devops.

Debut Careers March 2021 - October 2021



Contract Lead Full-Stack Javascript Engineer

- Managed and worked on a new pivotal feature using machine learning to speed up student applications for roles utilising NodeJS, typescript, React (SSR'd with NextJS)
- Designed and built a resilient serverless stack in GCP to accommodate the new API's and front-end requirements.
- Maintained and manipulated data across multiple SQL and noSQL stores to help maintain and drive new functionality.

ModelDrive November 2020 - March 2021



Contract Lead Full-Stack Javascript Engineer

- Worked on spreadsheet collaboration software utilising React, GraphQL, Apollo, WebSockets, Styled Components and Storybook.
- Ensured future-proofing and improved cycle speed by migrating to a centralised, component-based model and simplifying existing structures.
- Put forward architectural guidance to ensure performance and scalability on existing databases, services and connections.

Just Eat January 2020 - November 2020



Contract Lead Full-Stack Javascript Developer

- Worked on all major Just Eat verticals including Home, Orders, Restaurants and Offers utilising VueJS, Vuex, .NET, and Sass transpiled with Babel 7 and bundled with Webpack 4.
- Contributed to the Just Eat open-source library utilising lerna and storybook published through private npm.
- Helped upskill existing teams on modern coding practices (ES6/ES7/Components/Vue).
- Worked closely with directors and stakeholders to align expectations and regularly feedback on progress across the teams.
- Assisted QE with testing approaches for E2E, component and unit tests.

Boots August 2019 - January 2020



Contract Lead Full-Stack Javascript Developer

- Worked on a greenfield eCommerce project utilising Server-Side Rendered React, Redux, Node, Express, Styled components, Storybook transpiled with Babel 7 and bundled with Webpack 4.
- Created and maintained NodeJS microservices built with Express and put forward planning for moving to a middleware strategy to aid reusability and centralisation.
- Started an internal PoC on GraphQL integrated with PostgreSQL to streamline and enhance existing microservices.
- Worked as a tech lead across five teams providing insight and guidance on ways of working, agile methodology, testing strategy, CI/CD strategy, development best practices and microservice architecture.
- Worked closely with directors and stakeholders to align expectations and regularly feedback on progress across the teams

Previous experience at Dunelm, Experian, Capital One and Fifteen omitted. Please refer to www.asherstoppard.com.