

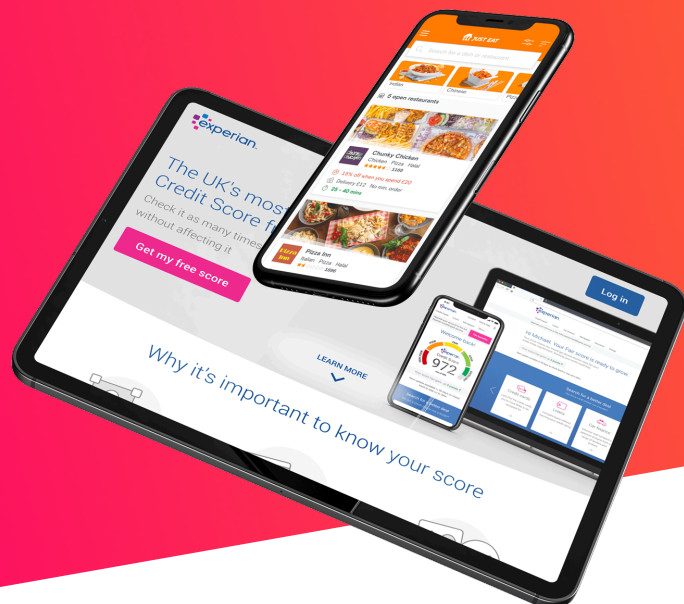
Asher Stoppard.

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 eleven 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.

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 Vedaccio
- 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

Redkite October 2021 - Present day

Javascript Engineering Consultant

- Lead 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

Javascript Engineering Consultant

- 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 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 Full-Stack Javascript Developer (Technical Lead)

- 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

Dunelm July 2018 - August 2019

Contract Full-Stack Javascript Developer (Technical Lead)

- Re-architected www.dunelm.com using Lerna, React (with server-side rendering), Redux, Node, Express and Emotion written in ES6/ES7, transpiled with Babel and compiled with Webpack.
- Designed and integrated a middleware based back-end system to aid collaboration across multiple teams.
- Built out an ORM solution to integrate with Aurora SQL and was the first in the UK to pilot data API.
- Architected and built back-office systems utilising AWS, Cloudformation, Lambda, SNS, SQS and API Gateway using NodeJS and Koa middleware in Typescript.
- Put forward guidance to aid the integration of GraphQL utilising AppSync and Apollo Client.

Experian September 2016 - July 2018

Contract Full-Stack Javascript Developer

- Worked on four greenfield projects across four teams including customer servicing and price comparison utilising React, NextJS, Node, Express and Styled Components written in ES6/ES7, transpiled with Babel and compiled with Webpack
- Helped implement the initial workings of a component library with React components in Storybook
- Worked closely with Analytics to provide raw data and insights from all four engineering functions.

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