JACK WESTBROOK

Frontend Engineer

CONTACT

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🧭 https://github.com/jackw

SKILLS

WEB TECHNOLOGIES:

- Javascript, Flow
- React, Redux, Storybook
- GraphQL, Apollo
- Ramda, Lodash
- Sass, Eyeglass, Sass True
- ITCSS, BEM, SMACSS
- Babel, Webpack, Rollup, Parcel
- Lerna, Yarn workspaces
- Jest
- Knockout.js, Backbone
- Node.js

INFRASTRUCTURE:

- Docker
- Jenkins, Drone CI
- Nginx
- Bash

VERSION CONTROL:

- GIT
- SVN
- Commitizen, conventional-commits

PROFESSIONAL SUMMARY

14+ years experienced, creative, and independent Frontend Web Developer with a track record of delivering responsive, single page web apps and websites within set timeframes to a high standard. Continually researching and implementing new or innovative tooling to reduce delivery time and introduce best practices. With a background in animation and web design providing a user-centric approach to crafting beautiful user experiences.

EXPERIENCE

FRONTEND ENGINEER

CASUMO | MALTA | 2016 - PRESENT

Product team:

- Key contributor in the migration of the company's SPA from Durandal to React bringing a **modern, performant tech stack** to the organisation and a **better dev experience** for the frontend team
- **Architected** a utility first, fully responsive, modular, **CSS framework** that is used across web apps and websites to bring **styling consistency** and a **smaller payload**
- Used Lerna, Rollup and Storybook to build a **React component library** that adheres to the company design language **resulting in consistent UIs** and **reduced development time** for frontend teams
- Introduced **visual regression testing** to the organisation through Storybook and Chromatic **preventing visual errors** in user interfaces
- Worked closely with design and backend to implement the **favourite games list** feature using React and Redux. This was the **most asked for feature from users** and is ranked **3rd place for number of games loaded** by location
- Helped migrate the Redux data layer to Apollo GraphQL resulting in **approx 30% faster initial load** due to less client queries and **reduced application bundle size by approx 25%**
- Introduced **self-signed certificates** to the frontend development environment using Node.js, Docker and Nginx allowing frontend to **use modern JS browser APIs** and **3rd party integrations locally**

Management and leadership:

- Interviewing candidates, reviewing code-test submissions and providing constructive feedback to recruiters on candidates
- Part of a team of three frontend devs that **consulted on Frontend architecture for future projects and platforms** with the company CTO
- Pair-programming, code peer reviews, and mentoring new employees

FRONTEND DEVELOPER

NAMESCO | UK | 2010 - 2016

- Gathered requirements for and helped architect a modular frontend framework giving the business the tools to achieve multi-brand targets
- Introduced responsive web design to the company's websites, web apps and marketing emails
- Worked closely with Backend Developers to rewrite the company's control panel from HTML and jQuery to SPAs written with Backbone and Knockout components resulting in polished, performant user interfaces backed by RESTful APIs
- Used Sass and Gulp to architect a CSS Framework that reduced development time when working on responsive, multi brand codebases
- Reduced bugs occurring in FE production code by introducing JS unit testing, linting and bundling using Gulp and Jenkins

Management and leadership:

- Led the technical direction of the frontend team
- Part of a multi skilled agile team which involved breaking down stories, gathering requirements, resolving issues and peer reviewing code

FRONTEND DEVELOPER / WEB DESIGNER

TIGERFISH INTERACTIVE | UK | 2008 - 2010

- Designed, architected and built Drupal templates using HTML, CSS, PHP and jQuery which won the agency new clients and met the needs of existing clients
- Built the company's first open source Drupal plugin establishing its online presence in the Drupal community leading to future plugins that provided a recurring source of income for the company
- In charge of redesigning the company website. Designs can be found here.

FRONTEND DEVELOPER / WEB DESIGNER

EVESHAM MICROS | UK | 2006 - 2008

- Develop company websites using ASP, HTML, CSS and Flash.
- In charge of redesigning the company website. Designs can be found here.

R&D ARTIST

SHERSTON PUBLISHING GROUP | UK | 2002 - 2006

- Provided technical direction and constructive feedback to ~50 animators and artists making sure company quality and performance standards were met
- Research new software / tools to help improve artists and animators productivity

INTERFACE DESIGNER / ANIMATOR

SHERSTON PUBLISHING GROUP | UK | 1999 - 2002

Part of a multi-skilled team creating educational software and games for children of all ages in collaboration with BBC and Oxford University Press using Photoshop, 3DSMAX, Flash, and Macromedia Director.