John Flockton

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I'm a senior front-end developer with over 5 years' experience. I believe software should be simple, intuitive, and reliable. My main expertise is in the front-end, but I have a strong working knowledge of both the back-end and dev-ops. I'm an excellent communicator, happy to work independently or as part of a team, and I'm an effective mentor to junior developers.

Skills

Excellent: JavaScript (ES2019), TypeScript, HTML, CSS (inc. SCSS, LESS and PostCSS), React, Redux, React Native, GraphQL, Jest, Enzyme, React Testing Library, Cypress
Strong: Ember, Angular, Express, Node, Elm
Moderate: GoLang, .NET Core, AWS, Google Analytics

Recent Experience

Plum Guide
Senior Front-End Engineer (Contract) February 2019 - July 2019
The Plum Guide is on a mission to become the "Michelin Guide for Homes", representing the top 1% of the world's best vacation rentals, holiday homes, short-term lets and Airbnbs.

As a senior front-end engineer, I was hired to lead the greenfield rebuild of their on-boarding process for new hosts. This involved working closely with a designer to create a mobile-first single page application, making complex data inputs easy to understand and accessible (most of the users were 50+ years old). Resultantly, the number of hosts onboarding went up by 400%, requiring less time to do so, decreasing from several days to a matter of hours.

I also helped refactor several large .NET Core codebases, which used server-side rendered React and Redux, simplifying the data hydration process, reducing the number of subsequent server-side calls made after page load, and untangling complex client Redux state shapes.

Tech used: React, Redux, TypeScript, .NET Core, Jest, React Testing Library, Cypress, Storybook, Buildbucket Pipelines

Paddle.com
Senior Front-End Engineer (Contract) May 2018 - February 2019
Paddle.com offers software companies a single platform for the entire software sales process, including trials and licenses, payments, and analytics.

I was hired to lead the migration of their legacy checkout app to a new TypeScript, React and Redux front-end. As the site is visited by hundreds of thousands of users, this involved making the app as efficient and reliable

as possible. To this end, the app was frequently audited for performance, with selectors, middlewares, higher order components, and PureComponents used when appropriate.

I mentored two junior developers in much of the above, often pairing with them on new features, reviewing their code, and holding lightning talks to ensure that the required coding standards were met.

I also helped prototype new versions of the checkout using GraphQL and Next, which though not yet in production, will inform later iterations.

Tech used: React, Redux, TypeScript, GraphQL, Next, Jest, React Testing Library, Cypress, Storybook, Jenkins

Vidsy
Senior Front-End Engineer March 2017 - May 2018
Vidsy is an online community of 6000+ vetted creators, who help brands create original mobile video advertising at scale for an array of social media platforms.

As the first senior front-end engineer to be hired, I worked across several diverse projects, establishing JavaScript best practices along the way. Among these many projects, I built two large and complex React and Redux applications which integrated with a WebSocket API, built and helped design a reusable UI component library, and helped build a Messenger chatbot.

I also helped recruit and on-board new developers, and I worked with a test engineer to write a large end-to-end test suite.

Tech used: React, Redux, TypeScript, GoLang, Jest, Enzyme, Nightwatch, Storybook, CircleCI

WIREWAX
JavaScript Developer June 2016 - March 2017
WIREWAX is an award-winning platform for creating and editing interactive videos. They also provide a bespoke service for creating more advanced interactive videos, built in-house, for larger clients.

I helped create new features, fix bugs and improve performance on the legacy Mongo, Express, Angular and Node application, whilst also prototyping a React and Redux replacement. I also built over 20 custom interactive video experiences for a range of clients, including Ted Baker, BBC, Under Armor, P&O, Loreal, Max Factor, Nordstrom and Wieden & Kennedy.

Tech used: React, Redux, Angular, Node, Express, JavaScript, Raphael, HTML Canvas, Jenkins

Awards

Best Use of Interactive Video - **The Webby Awards 2018**
[Portugal. The Man – "Feel It Still" Interactive Music Video](#)

Volunteering

In my spare time, I regularly attend Codebar meetups, and I mentor two junior developers, pair programming with them, setting them challenges, helping them prepare for interviews, and reviewing their code.