Aaron Horton

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Skills

Javascript, Typescript, React, Redux, GraphQL, Apollo, Relay, CSS, Node

Education

The University of Chicago, Chicago, IL
Bachelor of Arts, English Language and Literature, June 2010
Emphasis on Creative Writing, with an Honors Thesis in Non-fiction.

Work Experience

Climb Credit July 2019-present
Senior engineer/Lead engineer

Initially brought on to modernize the front end of the site; implemented shiny new next.js app; converted the entire public facing site from Angular 1 to React within a year; gave multiple presentations to help level up the team (topics have included a11y, frontend testing, and "every html tag"); promoted to lead engineer in 2020; worked closely with product counterpart to decide quarterly roadmaps, plan sprints, and execute on our goals; held weekly 1 on 1s with two direct reports

AllVoices.co May 2018-May 2019
Engineer

First employee of an early stage startup. Handled the entirety of the front end application, implemented basic and advanced features of the site including a branching survey, graphs,two factor authentication, and a full end-to-end testing suite using Cypress. Stepped up to contribute in product discussions, design decisions, and hiring, as well as reviewing work from our contractors.

1stdibs.com Nov 2015-May 2018
Senior frontend engineer

As a member of the e-commerce team, focused on checkout, billing, order management, and logistics. Pushed features, worked with design and product, reviewed code, was part of the rapid release pilot program, conducted interviews, wrote the occasional blog post

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Notable Projects

Loan application rewrite (Climb Credit)
Transforming a core business dependency from 3000 lines of angular to Next/Redux

Took the initiative to learn and effectively reverse engineer a very important part of the site which had not aged particularly well

Worked independently to interpret existing APIs so that application could be converted gradually with no effects on the live site

Alongside a design counterpart, conceived and implemented a new design system

Implemented a new Next.js app to house the new application; this Next app now powers the entire public facing site

Created a mini-framework for fetching and caching data on a per-component basis without duplicating network calls

Dealer billing refactor (1stdibs.com)
Bringing a 2005-era billing infrastructure into the modern era with React/Relay/Redux

Where we started: legacy php talking directly to a MySQL database; minimal styling; and a payment service that was going out of business.

Where we ended up: a standalone Relay app to handle any and all charge related interactions, including single statement displays, statement aggregation and filtering and charge creation; Braintree integration for payments; configurable forms such that form updates could be made without a release

Email renderer (1stdibs.com) blog
Rendering emails server side with Relay

Marrying the modern veneer of Relay and server-side rendering with the nostalgic flavor of table layouts

Created the framework in order to update ~50 order emails, and was the code owner of the service as dozens of other templates were converted

Snapshot testing with Jest

More details in the blog post linked above!

Other Interests

Former co-host of a Harry Potter Podcast,