

Nicholas Husher

Full Stack Developer Javascript Enthusiast Code Wicche

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|------------------------|----------------------|------------------------|
| ES2022 / TypeScript | React / React Native | Docker |
| SPA application design | Redux / Redux Saga | Client-side security |
| HTML5 | Webpack | Functional programming |
| CSS | GraphQL | Scrum / Kanban |
| Clojure | Git | UNIX / OS X |
| Node / npm | SQL | Microservices / REST |

Frontend Lead Faraday

Remote in Boston, MA January 2015 – Present

I have worked in various intermittent capacities for Faraday since 2015, taking a full-time role as Frontend Lead in late 2020.

Faraday provides AI-driven data science for companies that can't or don't want to set up their own in-house data science group. They use a flexible infrastructure to apply artificial intelligence to different business problems, from generating marketing lists to recommending the locations of new storefronts.

As a small startup looking for a niche in the market, my role is multifaceted. My main responsibility is improving their self-service market analysis web application. I'm also involved in database design discussions, data security, and continuous integration.

Staff Software Engineer Indigo Agriculture

Boston, MA June 2019 – October 2020

Indigo Agriculture is trying to improve the market for commodity grain. This takes two main forms: first, they offer an organic microbial seed treatment that can improve crop yields by increasing drought tolerance and pest resistance; and second, by offering an online marketplace for farmers to sell their crops directly to food companies, rather than selling to grain clearing houses.

I worked on a few different projects while at Indigo: The first was a React Native version of the Indigo marketplace application, designed to load faster and work better in areas with poor cellular data availability; The second was leading a team to do architectural cleanup of some low-level code in the Marketplace UI application, which was dragging down developer productivity; Finally, I worked on a team to provide an accessible, consistent, and forward-looking UI component library for Indigo web applications.

Software Architect Lola Travel

Boston, MA January 2017 – August 2017

Lola Travel was a startup that that built lightweight, user-focused travel software for small businesses.

My role was to provide technical leadership and support on three React-based projects: A React Native mobile app that can be used to book hotels and flights, a React web application that travel administrators within a company may use to track and manage business trips that employees have booked, and a web application that Lola agents use to provide support to the other two apps, served by a GraphQL endpoint.

Senior Engineer Pwnie Express

Boston, MA June 2016 – December 2016

Pwnie Express provided vulnerability and threat detection software. They used custom-designed sensors to detect devices connected to a network, and wireless devices that are adjacent to the network, like cell phones, bluetooth devices, wireless printers, or credit card skimmers. These devices were categorized and indexed in a cloud-based database, which could be queried and navigated from a browser-based webapp.

My job was threefold: I worked with other developers to implement new features that users and prospective clients want, that would drive engagement on the platform; I lead an application-wide effort to migrate the project from a legacy Ember implementation to one written in React, with more modern and functional sensibilities; And finally, I provided user experience leadership in an environment where there were many talented engineers, support reps, and salespeople, but no designers.

Senior User Interface Developer Dealer.com / Dealertrack

Burlington, VT December 2010 – January 2015

Web Developer Bear Code

Montpelier, VT May 2006 – December 2010

Bachelor of Arts, Computer Science

University of Vermont Burlington, VT Graduated 2007

Associates of Science, Computer Engineering Technology

Vermont Technical College Randolph Center, VT Graduated 2003