

[jiahao.dev](#)

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### Core Technologies:

- JavaScript
- React
- CSS-in-JS
- TypeScript
- Vue.js
- Sass
- Flux
- ESNext
- Flow
- NodeJS
- GraphQL
- LessCSS
- Next.js

### Others:

- Design Systems
- E2E Testing
- PWAs
- Performance Optimization
- Software Testing
- SE Optimization
- Progressive Enhancement
- Accessibility auditing
- Build Automation
- Responsive Web Design
- UX Design/Strategy

## Experience

I've worked on a handful of web projects over the past 14 years, some of which were for the following organizations:

### Shopify — Senior Frontend Engineer

May 2020 - Present

Shaping the future of commerce and entrepreneurship – building and advocating for inclusive and thoughtful experiences for over a million merchants across the globe.

- Pioneering initiatives around the future of onboarding, signup and developing technical vision for them
- Collaborating with UX designers and researchers to inform the direction of products we craft
- First-hand involvement in early-stage product and UX thinking and rapid prototyping
- Conducting and monitoring several strategic experiments, refining experiences based on resulting metrics and learnings
- Participating and incorporating learnings from real merchant interviews and research sessions
- Identifying gaps around the org-wide frontend infrastructure, drafting proposals and implementing solutions
- Mentoring engineers within and outside my team on best practices, performance and advanced patterns
- Providing guidance around product accessibility and inclusivity across the org
- Built an OAuth 2.0 compliant client-side library for our Identity provider across Shopify

### hellotax — Principal Frontend Engineer (Contractor)

Mar - Nov 2019

I orchestrated and developed the frontend infrastructure, design and functionality for hellotax's new JavaScript-centric app powered by Vue and also managed a co-engineer.

- Crafted a scalable component library that enforced accessibility and fluency across the application.
- Built a multi-role user authentication system from the ground up with JavaScript.
- Implemented a client-side localization system for the entire app.
- Built a client-side multilingual routing system with solid navigation guards.
- Engineered fail-safe optimized utility libraries to minimize runtime errors and unusability in production.
- Implemented fast and reliable data transformation and diffing mechanisms on the frontend for our data pipelines.
- Delivered an overall fast, yet accessible and silky smooth user experience in the app.

### Pixel2HTML — Senior Frontend Engineer (Contractor)

Nov 2018 - Oct 2019

I worked on a couple of projects for organizations and individuals as a frontend engineering contractor.

- Built frontend applications for multiple clients. Most especially JavaScript and React applications.
- Rebuilt the company's marketing site initially written in HTML/CSS using React and Gatsby.
- Crafted, audited and improved design, accessibility and overall experience of products.
- Enforced healthy codebases, coding style and standards.
- Completed projects on time and delivered to clients accordingly.
- Communicated effectively with project managers and the team.

### MOONDA — Senior Frontend Engineer (Contractor)

Nov 2018 - Jan 2019

I worked with MOONDA as a senior contractor via Pixel2HTML to create the web experience for John Deere's ATU 300 product.

- Built a contest application from the ground up using React which enabled users of the product from all around the globe to post photos and share reviews about the product.
- Designed and implemented a cross-browser, IE 11 compatible marketing site for the product.
- Implemented internationalization on the website with support for over 40 languages.
- Implemented automatic locale detection (with proper redirection based on that) and locale-specific content filtering.

### Conectar — Lead Frontend Engineer

Jun - Nov 2018

I led a team of developers through building multiple React applications into a single powerful online learning platform. I also re-engineered and designed several components on the platform.

- Crafted a solid design system to enforce consistency across the application.
- Built a messaging system as powerful as Facebook Messenger with React.
- Built a multi-feature audio and video call application powered by React.
- Introduced and enforced a consistent coding style across the application.
- Eliminated dead code which saved us about 20% the size of every page bundle.
- Eliminated Bootstrap and other CSS libraries completely from the application, and replaced them with custom styles.
- Reduced bundle size from 5MB to a few kilobytes.
- Did a major re-engineering of the development workflow which led to over 70% increase in development compile speed.
- Built an appointment scheduling system from the ground up with React.

See the extended list [here](#).

### Pneuma Media — Full Stack Developer

Dec 2013 - Feb 2018

I worked as the only engineer with this company. Built and maintained the backend and frontend of a couple of web apps for clients.

## Projects

Links to some of my work can be found on [olaolu.dev/work](#) and details can be provided upon request via a scheduled demo call.