

Matt Hamlin

Staff Software Engineer - Strong technical leader in the frontend web development space with 10+ years of experience, passionate about building the best possible web user experiences and the teams that support them

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Experience

HubSpot

Senior Software Engineer II — 2025 - Present

Built and improved the frontend build and developer tooling used across HubSpot's frontend ecosystem.

- Led migration from webpack to rspack, improving build times by 5x and local development serves by 10x
- Drove adoption of TSGO, replacing an internal fork of TS, improving typechecking times by 60-80% across our larger monorepos, as well as adoption of oxlint/tsgolint improving our linting times in CI by 65-95%

Fireworks AI

Senior Staff Frontend Software Engineer — 2024 - 2025

Joined Fireworks as employee #27, worked with a small team to rapidly build out a refined web application for managing the various AI services that Fireworks offers to customers.

- Built out core features of the web application including the AI model deployment flow, API Key management, and refreshing our web auth flows for better user experience
- Heavily optimized the internal codebase to improve our team's velocity. Migrating from Yarn to Bun, replacing eslint with Biome, all in cutting our CI times in half from 12 minutes down to 5 and a half minutes.

Wayfair

Staff SWE, Frontend Platform Tech Lead — 2021 - 2024

Lead the Frontend Platform team at Wayfair, supporting our customer, supplier, and internal facing experiences and teams.

- Lead architect for a frontend-replatforming effort to adopt Next.js, React Server Components, and GraphQL Federation, resulting in 25% reduction in our Time to First Byte at p95
- Designed and implemented various aspects of our overall frontend web architecture (tracking, data-fetching orchestration, Authentication, web monorepo tooling), enabling developers to deploy safely 50+ times a day
- Updated our distributed tracing architecture and implementation, saving over \$150k a month

Senior SWE, Design Systems Tech Lead — 2017 - 2021

Lead the Design Systems engineering team, collaborating with designers to build, and maintain the Wayfair Design System, composed of three internal component libraries for our customer, internal, and supplier-facing websites.

- Built various iterations of our internal Design System component library and documentation site, including custom features like live demos and an editable sandbox, enabling engineers, designers and even product managers to efficiently create the desired experiences 2 times faster than before

Frontend Software Engineer — 2016 - 2017

Worked on several teams to ship new features and fix various bugs across the Wayfair website and its affiliated brands (All Modern, Joss and Main, Birch Lane, Perigold).

- Early internal adopter of React at Wayfair, migrated several key features on site

Education

B. S. Information Technology and Web Science Rensselaer Polytechnic Institute - 2012-2016

Projects

- **Inline-MDX.macro**— *A Babel macro for authoring and transforming mdx on the fly*
<https://github.com/hamlim/inline-mdx.macro>
- **Rainbow Sprinkles**— *Dynamic, theme-driven, style props for Vanilla Extract*
<https://github.com/wayfair/rainbow-sprinkles>

Programming Languages:

TypeScript and JavaScript, GraphQL, CSS, SCSS, HTML, Go, PHP

Libraries and Runtimes:

React and React DOM, Node.js, Deno, Next.js, Webpack, Babel, Jest, Cypress, Docker, Kubernetes (with Istio and Flagger), Vanilla Extract, Tailwind, Styled Components, GraphQL (with Apollo Client), Yarn, PNPM, Lerna, and Turborepo.