

# Adam Fields

me@aef.me

Senior software engineer with 6 years of experience building cloud-native apps for the web. Comfortable anywhere in the stack. Excited about deep learning and neural networks.

## Experience

### **Sabbatical** — May 2023 to Present

Career break to study machine learning and building with AI. My work is viewable at [aef.me](https://aef.me).

- **Frontend:** typescript, react, astro, next, tailwind, vite
- **Backend:** bun, hono, cloudflare, vercel, github, huggingface
- **ML:** python, tensorflow, jax, sklearn, transformers, diffusers, jupyter

### **Shopify, Senior Software Engineer** — September 2021 to May 2023

Responsible for the processes and systems that orchestrated the receiving of inventory into each Shopify warehouse. My entire organization was sunset in a 2000-person layoff.

- **Frontend:** typescript, react, graphql, polaris, storybook, chromatic
- **Backend:** node, loopback, postgres, openapi, kubernetes, terraform, vault, gcp
- Collaborated with cross-org teams to both define and implement features and fixes
- Implemented the *Rework* feature, which allowed associates to repair slightly damaged inventory while receiving, reducing costs for merchants

### **Boston Globe Media, Software Engineer** — April 2019 to September 2021

The Globe is a 150+ year-old newsroom and a New England institution. The engineering team is responsible for everything from web properties to printing presses.

- **Frontend:** react, graphql, sass, jquery, bootstrap
- **Backend:** node, arcp, serverless, php, wordpress, mysql, mongodb, aws
- Migrated Globe.com from Java Server Pages to server-rendered React
- Architected the React component library for the 2020 presidential election
- Shipped numerous ad-related performance improvements like lazy-loading
- Assisted with the rewrite of Boston.com to modern Wordpress (Gutenberg)

### **FRT, Software Engineer** — January 2017 to April 2019

Financial Recovery Technologies provides services and software to large investment institutions to facilitate the class-action settlement recovery process.

- **Frontend:** angular, sass, material, less, ng-bootstrap
- **Backend:** node, koa, oracle, mongodb, zookeeper
- Maintained distributed systems using Apache ZooKeeper for service discovery
- Rewrote auth service from in-house 389 LDAP to Azure AD with Ping Identity for SSO
- Migrated both client-facing and internal claims management dashboards from Angular.js (Bootstrap/Less) to Angular 2 (Material/Sass)

## Education

### **Bridgewater State University**

Bachelor of Science, Psychology