

# Devin Rhode, Senior TypeScript Engineer

[github.com/devinrhode2](https://github.com/devinrhode2) • [devinrhode2.github.io](https://devinrhode2.github.io) • [DevinRhode2@gmail.com](mailto:DevinRhode2@gmail.com)

## Work History

---

### **Rye** • Oct 2022 - Dec 2022

- Worked on internal manual fulfillment app, built with **Remix**, React, Tailwind, Node, TypeScript, Firebase Auth, and Firestore.
- Also worked on Rye's [api tutorial](#), built with React and Tailwind.

### **TextUs** • June 2022 - Oct 2022

- Raised code review standards.
- Upgraded Prettier v1 → v2, ESLint v5 → v8, Cypress v5 → v10.
- Setup typescript to give editor hints across whole codebase.
- Exposed hidden request-related errors.
- Created E2E type safety RFC, which included designs for tools to help us continually improve type safety.
- Used Material-UI, React, Redux, Redux-Saga, React-Testing-Library, Jest, Chrome Extensions.
- Led several technical interviews.

### **Land O' Lakes** • Oct 2021 - Jun 2022

- Lead frontend dev on ATLAS platform team.
- Work generally focused on maximizing farmer profit.
- Updated Next.js 9 → 12, NextAuth.js 3 → 4, Webpack 4 → 5, Prettier, ESLint, TypeScript, and Node.
- Improved CI/CD quality checks
- Added multi-tenancy support to NextAuth.js for our app
- Created modern logging setup based on Azure AppInsights and next-logger.
- Converted next-logger and pino-applicationinsights to 100% typescript.

### **Ameriprise** • Sep 2020 - Nov 2021

- Created company specific form library based on React-Hook-Form and TypeScript, which led me to develop great expertise in generics.
- Wrote unit tests with Jest/React-Testing-Library, and E2E tests with Cypress.
- Converted codebase to 99% typescript. All new code used react hooks.
- Participated in several technical interviews.
- Acted as FE lead during second half of tenure.

### **Best Buy** • Feb 2020 - Jun 2020

- Learned GVP frontend architecture of [BestBuy.com](#) frontend (pre-checkout)
- Worked with React, Redux, Reselect, SSR, Node, Express.js, a home-grown feature-flag system, and Akamai Edge-Side-Includes (ESI/SSI).
- Wrote unit tests with Jest/Enzyme, and E2E tests with Cypress.

### **BIWorldwide** • Jan 2019 - Jan 2020

- Acted as lead on small dev team.
- Worked on several apps with BI's Custom CMS, Q360.
- Incrementally upgraded the CMS:
- React 15 → 16, Webpack 1 + Gulp → Webpack 2 → Webpack 3 → Create-React-App + Craco (Webpack 4 wrapper).
- Built node proxy to allow us to connect our local dev server to any backend, allowing us to simulate our code running in production.
- Mastered git submodules, but after heavily researching monorepos, migrated to the CMS to a classic monorepo setup.
- Initiated typescript migration.
- Created language debug mode to find hardcoded english.
- Created versioning system for frontend, allowing us to check the console for exactly what version is deployed at that time in that browser and match it back to a git tag.
- Setup Sentry.js error dashboard.

## **Alliance Laundry Systems • Nov 2017 - Nov 2018**

- Worked on ember-frontend of laundromat *management* app, with emphasis on re-writing washer/dryer interface used to set washer/dryer temperature/duration/cost settings.
- Setup sentry.js error dashboard.

## **EPAM • Apr 2016 - Jun 2016**

- Built a simple internal app for one of EPAM's larger clients, Google.

## **Opera • Jun 2015 - Jan 2016**

- Originally brought in for a simple 3 month project, which was completed successfully.
- Contract was extended, for me to create a chrome extension for a new consumer app.
- This chrome extension was architected so most ui loaded through a simple iframe, which essentially pointed to a "mobile site" with all the ui. This allowed us to rapidly iterate on the ux, without having to publish updates to the web store.

## **Amobee • Apr 2013 - Aug 2013**

- Helped with js side of hybrid native+web 3d ad engine.
- Upgraded ad markup language from XML to Jade templating

## **Freelance & Startup projects • Since December 2010**

I've written 14 chrome extensions receiving 1,000's of downloads in total.

- **HeyImLea.com**, Built homepage for chatbot, scripted demo with ember+redux.
- **Scout**, personal startup project. Learned javascript, css, web performance, iframes, and scraping. <https://github.com/devinrhode2/Scout>
- **HMU**, Built team in college, developed app for connecting with friends nearby. Used SMS with twilio, and PHP on the backend. jQuery on the frontend.

## Education

---

**University of Minnesota, Duluth 2010-2011 – Focus: Computer Science, Math**