Devin Rhode, TypeScript Engineer

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### Work History

**TextUs •** June 2022 - Current

Raised code review standards, upgraded prettier v1->v2, eslint v5->v8, cypress v5->v10, exposed hidden request-related errors, created E2E type safety RFC, created system to move team towards 100% type safety with every PR.

**Winfield United •** Oct 2021 - Jun 2022

Lead frontend dev on ATLAS platform team. 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, and modern pino logging setup.

**Ameriprise •** Sep 2020 - Nov 2021

Created company specific form library based on React-Hook-Form and typescript. Unit testing with Jest+React-Testing-Library and e2e testing with Cypress. Converted codebase to 99% typescript. All new code used react hooks.

- Acted as FE lead during second half of tenure.

**Best Buy •** Feb 2020 - Jun 2020

Learned GVP frontend architecture, based on React, Redux, Reselect, SSR, Node, and Express.js.  
Learned unit testing with Jest, Cypress, Istanbul.

**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 from 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, and npm scripts, but migrated to classic monorepo.
* Began 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.

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

- Worked on ember-frontend of laundromat *management* app, with emphasis on re-writing washer/dryer programming interface.

- 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 3 month project, was kept on to create a chrome extension for a new consumer app. Architected extension so most ui loaded through simple iframe, which essentially pointed to a "mobile site" with all the ui.

**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