

Devin Rhode, JavaScript Engineer

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Work History

Winfield United • Nov 2021 - Current

Lead frontend dev on ATLAS platform team. Updated Next.js 9-12, NextAuth.js 3->4, Webpack 4->5, prettier, eslint, typescript, node. Improved CI/CD quality checks, added multi-tenancy support to NextAuth.js, created modern pino-based logging setup for Azure ApplicationInsights, converted next-logger and pino-applicationinsights to typescript.

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 nearly 100% typescript. All new code uses react hooks.

Best Buy • Feb 2020 - Jun 2020

Learned frontend infrastructure using React, Redux, Reselect, SSR, Node, Express.js.
Learned unit testing with Jest, Cypress and Istanbul, created cypress tests involving actually clicking in bing maps canvas.
Worked on preferred store location cookies, diagnosed and patched bug in whatwg-fetch polyfill affecting iOS 11+10, which was causing the users store to get incorrectly overwritten with html5 geolocation.

Robert Half • Nov 2017 - Feb 2020

BIWorldwide: Jan 2019 - Jan 2020: 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 a short project for 3 months, was kept on to create a chrome extension for a new consumer app. All UI for extension was contained in a separate ember app, which was effectively a standard mobile site, so extension code rarely/never needed updates. Helped with Node rest api built with express.

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