Joshua Wootonn

Frontend Engineer with a knack for User Experience

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Experience

Frontend Engineer / *Clearcover*   DEC 2020 - PRESENT

I primarily worked on a consumer facing insurance application wizard. Check it out at app.clearcover.com for more context

- Audited performance, integrated with lighthouse CI for visibility, and increased the lighthouse perf score from 5 to 30
- Reworked the UI kit to include playful physics animations, keyboard accessibility, and greater consistency
- Took ownership of 3rd party integrations in Google Tag Manager to integrate with ads through Google, Facebook, and Tiktok
- Worked in 6 repos accross the org to support other teams or our QA when they were in a crunch
- Revived the FE monitoring in Sentry, cleaned up the backlog of errors, and setup alerting for greater FE visibility
- Completed product prioritize feature work through 3 different initiatives including a rebrand

Frontend Engineer / *Digital Diagnostics*   SEP 2017 - OCT 2020

- Created a React web app to replace the Windows Form version of IDx-DR. It was off the books at first, but soon gained steam and became the flagship product
- Iterated designs in Figma, implemented them in Electron/React, and tested implementation in Jest / Cypress / Spectron
- Played a pivotal role in features like image snapshot testing, end to end testing, dark mode, interactive animation, and product analytics
- Mentored three engineers in React, Electron, and Cypress, spreading ownership of the product among a backend heavy team

Freelance Software Engineer / *All American Concrete*   MAR 2016 - JUNE 2020

- Created a labor tracking app called Time Track that facilitates 60 employees to track their labor, 3 estimators to view analytics, and 1 secretary to automate payroll
- Developed an initial version with Qt / C++ / MySql that was used from 2016 to 2018
- Migrated old version to use Electron / React / Node / MySql enabling better analytics, sleeker UI, and more intuitive UX

Education

University of Iowa / *Computer Science and Engineering*   MAY 2019 - GPA: 3.54

Skills

I am really good at: ES7+ JavaScript, TypeScript, React, Web Animations, Web Performance

I am currently focusing on: Performance, Animation, Analytics, 3rd Party Integrations

I use these tools to move fast: Intellij, Github, Figma, Illustrator

I have experience with:
(in addition to the above)   Node.js, DOM APIs, CRA, Next.js, Storybook.js, Google Tag Manager, Google Analytics, Github Actions, Docker, Git, Git Flow, Lighthouse CI, Sentry, Heap, Jest, Canvas, WebGL, Three.js, Electron, Gatsby.js, MySql, Postgres, C#, ASP.NET Core, Optimizely, Zendesk, Datadog, Ruby, ROR