

Elan Medoff

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Work Experience

Wealthfront · Web Platform Lead

Senior Software Engineer (January 2024 - present)
Software Engineer (January 2023 - December 2023)
Junior Software Engineer (July 2021 - December 2022)
Software Engineer Intern (Summer 2020)

Wealthfront is built with Ruby on Rails, React, Next.js, Typescript, Tailwind, React Query, Jest, and Playwright

Orchestrated quarterly web infrastructure projects

- Oversaw projects to address gaps in testing coverage, toilsome routing infrastructure, missing design system components, and necessary version upgrades
- Emphasized improvements that were feasible, impactful, and had a clear migration path

Standardized data fetching patterns in the web codebase with React Query and custom utilities

- Improved the user experience with caching, retries on network errors, and background data revalidation
- Reduced code complexity by automatically rendering loading / error indicators and minimizing null checks

Participated in other web engineering responsibilities

- Led the weekly web platform meeting
- Triaged, investigated, and resolved critical production issues as part of the on-call rotation
- Conducted interviews for prospective engineers, assessing their coding and conceptual skills

Collaborated with a team of engineers, designers, and project managers to develop investment products

- Led engineering work for investment initiatives, including stock movement, and redesigned marketing pages

Personal Projects

use-search-param-state · npmjs.com/package/use-search-param-state

- An open-source NPM library to seamlessly read and write URL search params as React state
- Includes options to sanitize, parse, and validate the search param. Also supports server-side rendering

use-stable-reference · npmjs.com/package/use-stable-reference

- An open-source NPM library to access referentially stable, up-to-date versions of non-primitives in React

elanmed.dev · github.com/ElanMedoff/personal-site

- A tech blog with 15+ articles. Includes topics such as: React in different app architectures, advanced Typescript types for React, customizing Neovim, and setting up continuous integration
- Featured by several javascript newsletters, including *Bytes*, *React Newsletter*, and *React Digest*
- Supported by visual regression tests, end-to-end tests for critical flows, and dead-link detection scripts

Skills

Typescript, Javascript, HTML, CSS, React, Next.js, React Query, Redux, Node.js, Deno, Git, Bash, Lua, Ruby, Redux Toolkit, MongoDB, Prisma, Python, Ruby on Rails, Jenkins

Education

Johns Hopkins University · Bachelor's degree in Computer Science (3.83)