

Hun Kim

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WORK EXPERIENCE

Halo Investing Inc.

Aug. 2022 – Oct. 2024

Senior Frontend Engineer

Remote

- As a senior frontend engineer, I oversaw the migration of legacy features to React as well as lead and communicate with project owners and team members to meet deadlines and MVP goals.
 - Modernized front end state management by deprecating components dependent on React-Redux to React-Query/Jotai; improving readability and maintainability of the codebase.
 - The migration allowed for built-in caching, efficient state updates, decreased load times by more than 60%, and easier component unit testing coverage; all while adhering to Figma designs and mobile responsiveness.
- Architected and migrated performant financial portfolio feature that allowed users to dynamically search, filter, and see individual positions details with important fiscal data points outlined by MUI tables, ChartJS charts, and dynamic custom components to give high-level overview of user's finances.
- Integrated A/B testing for portfolio features which led to early bug catching and increased customer satisfaction, bringing in more than \$10mil worth of revenue and positions.
- Improved account management and position allocation within portfolio using MUI modals and React Hook Form; allowing for CRUD of accounts and dynamic allocation of monetary assets to households and accounts for financial advisors.
- Built dynamic filters provided by Rest APIs to allow for filterable calendars, which led to a 44% increase in customers accepting calendar offerings.
- Created calendar components to display different attributes and features of calendar types, including downloadable documents, being able to favorite calendars, and view calendar fiscal data points.
- Introduced Transifex localization to allow React components to digest different languages; wrapped MUI text components to allow for dynamic localization.
- Led migration of legacy onboarding processes for new/old users to React-Query/Jotai; developed middleware to detect JWT tokens expiration for password reset and email verification.
- Observed deployment successful deployment of production level code from AWS.

The Home Depot

Aug. 2021 – Aug. 2022

Software Engineer

Remote

- Overhauled legacy kitchen collections product page to The Home Depot's Nucleus React infrastructure while enhancing mobile-first design and implementation.
- Identified and patched deficient Search Engine Optimization (SEO) using New Relic analytics improving by SEO score by 20% for specific ecommerce pages.
- The score was improved by fine-tuning components that caused Content Layout Shifts (CLS), decreasing initial rendering time, and optimizing the HTML to be more bot-crawlable friendly.

Senegence International Inc.

Apr. 2020 – June 2021

Software Engineer

Irvine, CA

- Utilizing Typescript React, launched the redesign of legacy application; revamping and creating mobile-first UI from mock-up designs to dynamic content.
- Managed existing microservices for email notification templates that contained dynamic information for customer/distributor orders, registration, and information.
- Further broadened unit tests for Typescript React/Redux application to add in continuous integration and led to an increase to 80% test coverage.

Code Particle Inc.**Aug. 2018 - Mar. 2020***Software Engineer**Culver City, CA*

- Coordinated development and team discussion through peer to peer code reviews, daily scrum meetings, and development of React component libraries.
- Consistently kept component's unit tests up to date to maintain 90% coverage.
- Integrated secure payment methods using third party payment APIs, Braintree and Stripe, for Launch Gift Cards (LGC): a web application for multi-faceted gift cards.

SimInsights Inc.**Oct. 2017 - Apr. 2018***Software Engineer**Lake Forest, CA*

- Debugged product issues and overlooked existing codebase.
- Implemented hierarchical relationships and roles for user specific health data access, while adhering to HIPA.
- Stabilized React/Redux development to better handle larger-scale and more complex Rest API responses provided by Java/mysql endpoints.

EDUCATION

University of Illinois: Urbana Champaign**2013-2015***Chemical Engineering***LearningFuze****2017***Software Engineer Bootcamp***SKILLS**

Languages: Javascript, Typescript, HTML, CSS

Technologies: React, Handlebar JS, Next.js, Redux, Jotai, Jest, React Testing Library, Cypress, MUI, Bootstrap, Tailwind, Git, New Relic, Figma, UI testing, Continuous Integration, Microservices, Rest APIs, UI/UX Design, Mobile Responsive, Agile Development, Typescript, Javascript, HTML, CSS, NodeJS, Tanstack Query, ESLint, Babel, npm, AWS