

Isak Leon

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Skills

Languages: JavaScript, TypeScript, Ruby, HTML, CSS

Technologies: React, Redux, Vue, Next.js, React-Query, React-Table, Redux Saga, Node.js, Rails, Express, SQL, noSQL, Git, CI/CD

Experience

UI Engineer

May 2022 – Present

DNAexus – www.dnanexus.com

Remote

- Administer the design and implementation of an intricate UI solution tailored to streamline the secure review and transfer of sensitive data within stringent project timelines, resulting in client satisfaction.
- Utilize React-Query to optimize and cache data ensuring a stable and responsive UI that reduces stress on API servers.
- Employ React-Table to create paginated and scalable data management systems for users to interface with our API.
- Develop resilient data fetching and aggregation pipelines utilizing Redux Saga to handle asynchronous side effects.
- Manage deployment and maintainability of feature Git branches to ensure smooth release of collaborative work.
- Migrate legacy CoffeeScript/Knockout.js UI to modern React/TypeScript promoting future development and maintainability.
- Collaborate closely with the Quality Engineering team to establish comprehensive testing timelines and instructions for features in development, ensuring rigorous product quality and adherence to specifications.
- Review product specifications to create engineering JIRA tasks with accurate descriptions and time estimates.
- Create presentations and participate in knowledge sharing to update and inform engineers on aspects of our platform.
- Execute features in collaboration with coworkers and teams across four time zones using asynchronous communication.
- Work in conjunction with the UX team to determine the feasibility and scope of development tasks in relationship to prototype mockups created in Figma or InVision.

Senior Front-End Engineer

March 2022 – May 2022

Thesis – www.thesistesting.com

Remote

- Spearheaded migration of client application architecture from Ruby on Rails and Vue to Next.js to increase performance.
- Conceptualized and engineered heavily customizable wizard flow UX in React to provide additional services to clients.
- Strategized and evaluated potential avenues for future development initiatives for the Solutions Engineering team.

Front-End Engineer

November 2020 – March 2022

Thesis – www.thesistesting.com

Remote

- Oversaw the maintenance and evolution of the Rails/Vue.js applications for the highest earning subset of clients.
- Leveraged Vue.js to create custom onboarding quiz experiences leading to increased user conversion and interaction.
- Implement systems connecting APIs utilizing edge functions hosted on Cloudflare Workers to streamline functionality.
- Revamped and extended functionality of existing tools to increase development adaptability to client requests.
- Consulted on feasibility of client requests and expected timelines for successful engineering implementation.
- Collaborated across teams to develop new tooling to be used by the Solutions Engineering team.
- Partnered closely with Growth, Client Relations, and Design teams to increase client profitability and offer new solutions.
- Assisted in the interviewing and onboarding process of new engineers to ensure integration and alignment with the team.
- Gave presentations informing fellow engineers on how to utilize available tooling for specialized client requests.

Front-End Developer - Volunteer

July 2020 – November 2020

Covid Watch – www.wehealth.org/covidwatchorg/about

Remote

- Utilized Vuetify's flexbox grid system to create responsive web pages based on Figma sketches for a variety of screen sizes.
- Managed refactor of React app user portal using include-media Sass library to maintain UI quality across mobile devices.
- Created and reviewed pull requests, incorporating as well as providing feedback to ensure code is production ready.

Education

State University of New York at Geneseo

Geneseo, NY

Bachelor of Arts in Psychology, Minor in Biology

August 2015 – May 2019