

ISAK LEON

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[PORTFOLIO](#)

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SKILLS

FRONTEND: React, Redux, Vue, Next.js, Jest, JavaScript, TypeScript, React-Query, React-Table, Redux Saga

BACKEND: Node.js, Rails, Express, Serverless, PostgreSQL, MongoDB, Ruby

OTHER: Git, Heroku, Netlify, AWS S3, Figma

EXPERIENCE

UI Engineer (React, Redux, React-Query, React-Table, Redux Saga)

DNAnexus - www.dnanexus.com

May 2022 - Current

- Led development and delivered UI facilitating the review and transfer of sensitive data within a tight deadline, resulting in client satisfaction. No bugs or breakages have been reported for this product in the six months following its release.
- Utilize React-Query to optimize and cache data ensuring a stable and responsive UI to prevent stress on internal API servers.
- Employ React-Table to create paginated and scalable data management systems for users to interface with our API.
- Develop 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 UI to allow for development and maintainability.
- Coordinate with the Quality Engineering team to create timelines and testing instructions for features in development.
- 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.

Senior Front-End Engineer (React, Next.js, Vue.js)

Thesis - www.thesistesting.com

March 2022 - May 2022

- Led migration of client application architecture from Rails/Vue to Next.js to increase productivity.
- Developed and prototyped new wizard flow UX in React to provide additional services to clients.
- Planned and scoped feasibility of future directions of development for the Solutions Engineering team.

Front-End Engineer (React, Vue.js, Ruby on Rails)

Thesis - www.thesistesting.com

November 2020 - March 2022

- Managed and continuously developed 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.
- Integrated systems with various APIs utilizing edge functions hosted on Cloudflare Workers.
- Extended and rewrote 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.
- Worked closely with Growth, Client Relations, and Design teams to increase client profitability and offer new solutions.
- Coordinated with Engineering Lead to interview and onboard new engineers.
- Gave presentations informing fellow engineers on how to leverage available tooling for specialized client requests.

Front-End Developer - Volunteer (React, Vue.js)

Covid Watch - www.covidwatch.org

July 2020 - November 2020

- Utilized Vuetify's flexbox grid system to create responsive web pages based on Figma sketches for a variety of screen sizes.
- Led 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

Fullstack Web Development - *App Academy* | Winter 2019 - Summer 2020 | Intensive 1000+ hour course with 3% acceptance rate

BA Major in Psychology, Minor in Biology - *State University of New York at Geneseo* | 2015 - 2019