Zhiyuan He

Frontend Engineer

WORK EXPERIENCE

Enable Data

Frontend Engineer   **01/2021 – Present**

- Implemented the frontend part of our client's cloud-based SaaS health-related product, which raised a $2M round of funding to reduce the costs and response times of processing prior authorizations for health plans and healthcare providers by over 50%.
  - Designed and implemented the user interface of the Criteria review section that supports up to 20k criteria, utilizing React.js, Easy-Peasy, and SASS.
  - Revamped the user interface of the Policy panel that allows users to view and edit policy, criteria, and associations at one time, resulting in a 35% increase in user satisfaction.
  - Optimized the application's performance by building reusable components and libraries, leading to a 10% overall improvement.
- Designed and implemented a customized trip section of our client's web platform for customers to purchase and manage trip plans, resulting in a $20k+ revenue increase.
  - Implemented the user interface of the customized trip section to allow advisors to create and sell customized trip plans, utilizing Next.js, SASS, and Zustand.
- Led the project to design and develop a headless e-commerce platform for customers to purchase farm products and adopt maple trees to get syrup monthly.
  - Designed the platform's user interface using Figma, resulting in an intuitive user experience that increased customer engagement by 25%.
  - Implemented the platform's user interface using Next.js, TypeScript, Easy-Peasy, and SASS.
  - Coordinated effectively between team members, ensuring clear communication and alignment on project goals and timelines, which led to a 20% improvement in overall team productivity.
  - Conducted regular code reviews and provided constructive feedback to team members, resulting in a 10% reduction in coding errors and bugs.

Personal Projects

Snowflake UI   2020
Preview | Source Code

- Developed a UI library with Vue.js and ES6, inspired by Ant Design and Element UI.
- Applied Vue.js features, such as slot, transition, and watch properties to design and implement components.
- Wrote unit tests with Chai, Sinon, and Mocha and set up a CI environment with Travis CI and Karma.
- Utilized VuePress to build the documentation page.

CONTACT

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SKILLS

Languages
- JavaScript
- TypeScript
- HTML
- CSS
- SASS

Frameworks:
- React.js
- Vue.js

Libraries:
- Next.js
- Vite
- Zustand
- Redux

Testing:
- Mocha
- Chai
- Karma

EDUCATION

University of California, Riverside
Bachelor of Science
Computational Mathematics
Riverside, CA
10/2014 - 09/2019
Relevant Coursework:
Software Construction
Database Management Systems