

Zhiyuan He

Frontend Engineer in Hayward, CA

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Authorized to work in the U.S. without sponsorship

Work Experience

- **Enable Data (Frontend Engineer)** **01/14/2021 - Current**
 - Collaborated with cross-functional teams to develop and support customer-facing web applications, enhancing user experience and satisfaction
 - Developed a web platform for customers to seamlessly purchase and manage trip plans, increasing user engagement and revenue
 - Developed and designed a headless e-commerce platform, enabling customers to efficiently browse and purchase products while fostering a visually appealing user interface
 - Collaborated with team members to optimize user interface, resulting in a more efficient and user-friendly tool for the organization
 - Gained valuable experience in Agile development practices and utilized various tools to effectively manage development and deployment processes

Used Techs: *Next.js, React.js, Zustand, Easy-Peasy, Swagger UI, React-Hook-Form, Formik, Yup, React-Query, Postman, MUI5, WordPress, Express, Figma*

SKILLS

- Proficiency with **JavaScript, TypeScript, SASS, CSS3, HTML5**
- Proficiency with **React.js, React Hooks, React Router, Redux, Lifecycle**, etc
- Proficiency with **Vue.js, Vue Cli, Vue Router, Vuex**, etc
- Experience in **Next.js, Vite, Webpack, WordPress, Git/GitHub, Bitbucket, GCP**
- Experience in useful libraries like **Easy-Peasy, Zustand, Echarts.js, Day.js**, etc
- Experience test tools like **Mocha, Sinon, Chai, Karma, Travis CI**

PROJECTS

- **Snowflake UI** **09/2020**
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, watch properties** to design and implement component
 - Wrote unit tests with **Chai, Sinon, Mocha** and set up CI environment with **Travis CI** and **Karma**
 - Utilized **VuePress** to build the documentation page**Skills:** *Vue.js, JavaScript (ES6), SCSS*
- **iExpense (React)** **06/2020**
Preview | Source Code
 - Developed iExpense again with **React.js** and **TypeScript** to see which framework is better
 - Implemented components with React.js features, such as **hash Router, function component, onChange, props**, etc
 - Applied customized **React Hooks** and **useState** instead of **Redux** to read and write stored data in **localStorage**
 - Utilized charts from **ECharts** and ranking system with sorting to help users visualize their expense and income
 - Used **Styled Components** and **ThemeProvider** to customize component styles easier within JavaScript

Skills: *TypeScript, React.js, React Router, React Hooks, Styled Components, Function Component, ECharts.js, Svg Symbols, localStorage*

- **iExpense (Vue)**

05/2020

Preview | Source Code

- Developed a Bookkeeping Single-Page Application with **Vue.js** and **TypeScript** for users to record and track their expense and income easily
- Implemented components with Vue.js features, such as **slot**, **.sync**, **watch**, **prop**, **lifecycle hooks**, etc
- Applied **Vuex**, **computed**, **v-model**, etc. to read and write stored data in **localStorage**
- Utilized charts from **ECharts** and ranking system with sorting to help users visualize their expense and income
- Used CSS preprocessor **Sass** to customize component styles and define **Mixins** and sass function to reuse 30% styles

Skills: *TypeScript, SCSS, Vue.js, Vue Router, Vuex, ECharts.js, Svg Symbols, localStorage*

- **Web Navigation**

03/2020

Preview | Source Code

- Built a Responsive Navigation Website with **JavaScript (ES6)** and **jQuery**
- Implemented logic with jQuery API, such as **events**, **DOM manipulation**
- Used CSS with **media queries** for the compatibility with both phone and pc
- Stored data with **hash map**, **JSON**, and **localStorage**

Skills: *JavaScript (ES6), CSS3, jQuery, localStorage, JSON, SVG Symbols, Media Queries, HTML5*

EDUCATION

- **University of California, Riverside**

Riverside, CA

- B.S. Computational Mathematics

10/2014 - 09/2019