

Zoey Zhao

Full Stack Software Developer

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Education

Boston University

Master of Science, Computer Science

September 2020 - January 2022

Ohio State University

Bachelor of Science, Computer and Information Science

August 2016 - May 2020

Technical Skills

JavaScript, HTML5, CSS3, ReactJS, VueJS, Typescript, Redux, Vuex, React Native, git, Scss/Sass, Bootstrap, Material-UI, Tailwind CSS, Jest, Agile, Software Development Life Cycle (SDLC), Node.js, Express, MongoDB, Mongoose, Python, SQL

Professional Experiences

Chuwa

Remote

Full Stack Developer

Oct 2023 – Present

- Led the development life cycle of a comprehensive Employee Management System from concept to deployment, designed and implemented the front-end using React.js and Material-UI.
- Developed 30+ dynamic React components, including employee profiles, onboarding workflows, and login/signup authorization pages.
- Implemented responsive design using CSS@media queries & flexbox layouts, and built SPA architecture with React Router
- Integrated secure communication with the back-end through RESTful API endpoints, implemented MVC-based backend structure using Node.js and Express to enable full CRUD operations. Integrated MongoDB with Mongoose for efficient data storage.
- Addressed security challenges by implementing private routes, JWT-based authentication, and password hashing with bcrypt to safeguard user data.
- Utilized Git for version control and Jira for project management.

Apple

Austin, TX

Software Developer

March 2022 – July 2023

- Designed, developed, and maintained responsive web portals using ReactJS, VueJS, Redux, and Pinia. Constructed an extensive library of 40+ reusable React and Vue components, such as popup action modals.
- Resolved a critical cross-browser compatibility issue at Apple by implementing polyfills for missing APIs like Promise and Fetch, enhancing the application's stability and user experience across multiple platforms.
- Implemented semantic HTML, ARIA roles, keyboard controls, and proper color contrast, resulting in improved accessibility, enhanced screen reader compatibility, and a 30% increase in user engagement from users with disabilities, while ensuring full compliance with WCAG standards.
- Integrated front-end applications with robust backend services, including databases and REST APIs, utilized Redux and Pinia store for efficient state management and data flow.
- Conducted thorough code reviews and implemented unit tests using Jest, improving overall product quality by ensuring adherence to coding standards and best practices.

Intern

Artisk.AI, Front end Developer

- Built the fully responsive website with React and Tailwind CSS, utilizing component-based design to enhance code maintainability.
- Developed dynamic, reusable components, including a landing page, payment success, and marquee banner component, focusing on responsive design, interactive elements, and cross-browser compatibility.
- Utilized code splitting and lazy-loading to optimize site performance and SEO, used semantic HTML to improve readability, further resulting in a 60% improvement in search ranking and visibility.
- Applied Agile methodologies to manage the software development life cycle, optimizing workflows and ensuring timely delivery of features. Utilized Git for version control, ensuring efficient and organized development processes.