

Zhi Wang

Redmond, WA 98052 | 319-594-0909 | zhiwang.sde@gmail.com | <https://github.com/willzhiwang>

SKILLS

- Programming: (proficient): JavaScript, Vue.js, React, Redux, Node.js, Git, CSS (SASS/SCSS), HTML (familiar): Java, Spring, SQL, NoSQL, Express.js
- Languages: English and Mandarin

WORK EXPERIENCE

Microsoft Corporation, Seattle, WA

Software Design Engineer (contractor)

Dec. 2020 – Aug. 2021

- Worked on an Agile (Scrum) Development Team to deliver regular updates to business team and project managers
- Developed many new features to Microsoft 365 Admin Center using **React.js** and **Redux** for privileged access management/roles
- Integrated compliance auth service APIs in frontend with Azure Active Directory Authentication
- Fixed many responsive issues for the layout and refactored the legacy components with new designs
- Worked with designer and developed many new UI components for Microsoft 365 Admin in **React**
- Fixed many bugs for link redirections and texts in different tenants and locales
- Developed and maintained micro frontends code base for Office 365 team
- Implemented lazy loading on Microsoft compliance Management, decrease the initial loading time by 50%-70%

Apple Inc, Austin, TX

Frontend Developer (contractor)

Apr. 2020 – Sep. 2020

- Worked with Apple Self-service Engineering team that responsible for Apple forums (Apple Support Community, Developer Forums, Apple Teacher Learning Center), with 1M+ daily users in total
- Developed and shipped a multi-tenant application for apple forums management using **Node.js**, **Express.js** and **Vue.js**
- Built different frontend packages for forums management, such as Announcements, Users and Content Management
- Refactored legacy codebase using **Vue 3** features which cleans up 2000+ lines of code in total
- Write **cypress JavaScript** e2e tests for Apple Support Community and Developer Forums, increased stability by 90%+ test coverage of the codebase
- Developed many reusable and responsive components using **Vue.js** and **SCSS** which been used in 3 different teams
- Fixed many bugs for Apple's closed source libraries that handle most common use-cases for building web applications using **Node** and **Express**
- Developed and maintained code for an enteral editor library using pure **JavaScript** that supports markdowns and live preview

PERSONAL PROJECTS

Movie List

- Implemented user and admin register/login system with JSON web token, admin is able to delete or edit a user, all users are able to add a movie to favorite list or watchlist
- Used a free API to fetch the movie data from the movie database API website, including popular movie, searching, rankings, sorting
- Developed community for sharing thoughts as a feature for logged in users to connect
- Developed comments system for each movie, also implemented admin management to create/delete the comments
- Implemented frontend and backend using **MERN** stack, developed on **Heroku**
- Involved in agile/scrum methodology for a 2-week sprints

PPM Tool

- Developed a web application for Project Portfolio Management, that organizing the plans, schedules and resources of multiple projects at one
- Designed relational database for users to manage projects, manage backlog, manage tasks
- Implemented frontend using **React**, **Redux**, and **CSS**; implemented backend using **Spring**, **MySQL**, google **Gson**, **JWT**

CS: GO stats checker

- Developed a web application with tracker.gg API for personalized CS: GO game data, such as kills, damage, etc
- Implemented frontend and backend using **React**, **Bootstrap**, **Node**, **Express**

EDUCATION

BSE, Computer Science and Engineering

The University of Iowa, Iowa City, IA

Aug 2015 - May 2019