

Zhi Wang

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SKILLS

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

WORK EXPERIENCE

Microsoft Corporation, Seattle, WA

Software Design Engineer (contractor via Pactera)

Dec.2020 – Present

- 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
- Added new APIs to Microsoft 365 Core backend services using **.NET** and **C#**
- 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

Apple Inc., Austin, TX

Frontend Developer (contractor via TCS)

Apr. 2020 – Sep. 2020

- Worked with Apple Self-service Engineering team that responsible for many Apple forums (Apple Support Community, Developer Forums, Apple Teacher Learning Center).
- 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.
- Involved in backend development and integration projects using Object Oriented technologies such as **Java**, **JDBC**, **Spring Framework**, etc.
- Refactored legacy code base using **Vue 3** features.
- Write **cypress JavaScript** e2e tests for Apple Support Community and Developer Forums.
- Developed many reusable and responsive components using **Vue.js** and **SCSS**.
- 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.
- Integrate data from various back-end services and databases (**Mongo DB**).

PERSONAL PROJECTS

CS:GO stats checker

<https://checkcsgo.herokuapp.com>

- 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**.

PPM Tool

<https://projectmanagetool.herokuapp.com>

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

Shopping Cart

<https://mern-shoppingcart.herokuapp.com>

- Created a shopping cart using **MERN** stack that users are able to add or delete items into the shopping cart.
- Implemented register, login, add item and delete item frontend features with **ReactStrap** and **CSS**.
- Maintained states in the stores and dispatched the actions using **Redux**.
- Developed backend services using **Node**, **Express** and **MongoDB**.

Laravel Blog

<http://laravel-php-blog.herokuapp.com>

- Created a blog using **Laravel** framework with **PHP**, **MySQL**, **Bootstrap** implemented register, login and create/edit/delete post.
- Implemented picture uploading in create post and edit post pages by using open source editor library.
- Built relational databases **MySQL** (Maria DB) to store information (users, posts, replies, etc.).

EDUCATION

BSE, Computer Science and Engineering

The University of Iowa, Iowa City, IA

Aug 2015 - May 2019