**Yuan Chen**

Front-end developer

Phone: +1 (858) 733 2669 Email: [yuanc710@gmail.com](mailto:Jecocyc@gmail.com)

**Summary**

5+ years of experience in the IT industry as a Front-End developer with web-based applications.

* Hands-on experience in building stable and responsive web application using **JavaScript** framework **React**.
* Designed and created web pages layout and styles using front-end technologies such as **HTML5**, **CSS3** and **JavaScript** .
* Experienced in building management web application of E-commerce with **React**.
* Experienced with **React Redux** to manage large amount of states in the web application.
* Hands-on experience of using **React.JS**, **Node.JS** and **MongoDB** to modifying and tracking the data from front-end to the database
* Hand on experience in **NoSQL** database,data modeling and schema design.
* Hand on experience with **React hooks** to use state and life cycle methods inside functional components.
* Created reusable components and well-structured web pages use **JavaScript** libraries and **React**.
* Involved in all the stages of Software development life cycle including design, implementation,testing and maintenance.
* experienced and understood the **Agile** methodology and used **Jira** as the management tool for the project.
* Involved in writing application level code to interact with **APIs**, **REST API** Web Services using **JSON**.
* Good experience on customizing **CSS** frameworks like **Bootstrap.**
* basic knowledge of software version control systems using **GIT** to keep tracking daily modification of source codes .
* Hands on experience with **Redux Thunk** to execute asynchronous operations in web application.
* Working experience with data analysis and date modeling use **Python**and**SQL**.
* strong knowledge of **JavaScript built-in methods** used to building efficiently function and components in **React**.
* Hands on experience with **GraphQL** queries and use Apollo **GraphQL** library.
* Energetic, fast learner and strong team person who also can working individually.

**Skills**

Python, R, C++, SQL, HTML5, CSS3, JavaScript, React, Redux, MongoDB, JSON, bootstrap

VSCode, GIT, Jira, Figma, GraphQL

**Experience**

**Full Stack Developer – June 2022 - until now**

**Paypal,** Sunnyvale, CA

involved in the Users and Permissions Platform identity team to build and maintaining sever-side requests base on the different high priority projects.

* Utilize **JavaScript, Node.js,** and **GraphQL** queries to resolve different **API** requests.
* Used **WebStorm** as main development environment to maintaining our code-base and making code changes base on client requirement.
* Involved into code review for **Github** pull requests for code changes.
* Used **Jupyter** and **SQL** query to retrieve production account information to help clarify bug issue.
* Experienced with add new property to **GraphQL** schema, update query and mutation.
* Hands on experience use **GraphQL** queries and mutation to retrieve user identity and updated the info base on different business logic.
* Experienced with different user **Auth** includes user account, username with password identify and security content for different client.
* Involved in **bug fixing, unit testing** and **functional testing** for all the developed code.
* Collaborated with other team for **bug fixing**, user data monitoring, and use **Postman** for testing request.
* Participate in meetings with clients to discuss new features, and business logic.
* Used **JIRA platform** to tracking our epic, story and bug issue.
* **Sync up** with teammates to resolve issues.

**Front-end developer --**  June 2021- April 2022

**Western Union**, San Francisco

This project to design and re-factor the customer management system for the company website, I was involved to re-factor the money transaction flow with team of six people. This include several pages included currency rates in different countries, receiver information page, payment method.

* Utilize **JavaScript**, **HTML5**, **CSS3** and **React.JS** to designing and create reusable components, and transform all the source code from class component to functional component.
* Use **windows/Linux** as Operating system.
* Implementing transaction flow using **React.JS** , **Redux,** **API** for latest currency rates, and manage all the states in each components.
* Created responsive web application to fit in any screen size used **CSS3** and **Bootstrap**.
* Hands on experience use **JavaScript** event and built in method to handle the interaction in the web page.
* Utilize **React.JS** to create validation for each input field for the user input, interacted with **NoSQL MongoDB** database.
* Stored the receiver information into database, and able to retrieve and fetch data use **JavaScript** async and await function.
* Create transaction history pages use **React.JS** connected with **MongoDB** database.
* Re-factor and optimized style to improve user's visual sense.
* Use **React hooks** like **useState**, **useEffect**, and **useMemo** to create search feature to return the currency rate for different countries.
* Implement interactive and animation **React** functional components.
* Hands on experience using **Node.JS** to build back-end server connecting to **MongoDB** database.
* Used Node.JS framework **Express JS** to handle data updates from the front end and build scalable network applications able to process many simultaneous user requests.
* Optimized **SQL queries** for the web application system which improved website responsiveness and reduced the database costs.
* Basic Knowledge of back-end language like **Python, C++.**
* Work with **UI/UX** design team using Figma.
* Collaborate with back-end team to store and manage the data.
* The project used **Agile scrum** methodology.

**Front-end developer --**  Feb 2019 to May 2020

**Volvo** , San Jose, CA

This project was to re-style the layout of a Volvo car web page, and I was involved in a task about categorizing product pages.

* Utilize **HTML5**, **CSS3**, **JavaScript** front-end software technology to complete the task.
* Work with **UI/UX** designers and use **html5** and **css3** to style the car arrangement.
* Use **JavaScript** to control the triggering of events, such as drop down list for each car.
* Use **JavaScript** built-in-method to complete some functions, like filter can be used to narrow the search scope, such as filter by price.
* Hands on experience use **JavaScript** improves the performance of websites and web applications by reducing the code length. The codes contain less overhead with the use of various built-in functions for **loops**, **DOM** access, etc
* Hands on the process of development, testing and maintenance through **JavaScript**.
* Use **JavaScript** to calculate the price of the vehicle and the monthly delivery amount for different loans.
* Use **CSS3** and **JavaScript** to trigger some animations to improve user experience.
* Experienced with **Node.JS** and **SQL** database, accessing data and update data from database base on car categorization, and availability.
* Use **JavaScript** framework like **React** to create reusable function and components, and styling the product flow.
* Involved in **unit testing** the and reviews of the developed code.
* Converted data from **MongoDB** to **JSON**, and update the modified data back into database.
* Hands on experience in write application level code to perform client side validation using **JQUERY** and **JavaScript**.
* Experience in use **JavaScript** to interact with **APIs**, Web Services using **JSON** and **XML**.

**Web developer Internship** -- Jan 2017 to Dec 2017

**Antino Labs,** San Diego

The project is about building a company's goods management application that updates the information and quantities of all goods. This is B2B marketing company.

* Design and implement the goods management web application flow use **JavaScript** ,**html5** and **CSS3**.
* Use **JavaScript** and **Nosql mongoDB** database to store data entered from web pages to record product information.
* Create a management application to update the inventory numbers for all items.
* The quantity purchased by the customer service will be transmitted to the database through **JavaScript**, then the quantity in the database will be modified, and finally the remaining goods will be updated on the web page.
* Use **JavaScript** to get the stock quantity of the item in the **database** to verify if it is enough to satisfy the customer's purchase.
* hands on experience in interacts with **JavaScript**, and **Nosql mongoDB** database.
* knowledge of **SQL querying** language, data modeling and normalization.
* Involved in **unit testing** all the features and developed code.
* Add limitation on each purchase for each customer use **JavaScript**.
* Monitoring website performance and rectifying front-end-related issues.

**Business Data Analyst Internship** -- Feb 2016-Sept 2016

**ViVi,** San Diego

* Integrated and mine large sales data sets, connecting data from various system sources to identify critical insights and sales data solutions.
* Utilized data mining and statistical techniques to derive business value from shop, product, financial, and customer transaction data.
* Designed and created analysis and reports that include summaries, graphs, diagrams, and other visual representations in **python** or **Excel**.

**Education**

University of California San Diego, San Diego, CA

Bachelor of Science – Mathematics & Computer Science