**Justin Li**

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**PROFESSIONAL SUMMARY**

* 5+ years **Full-Stack/Front-End** development experience building, deploying, and maintaining web apps with **CSS3, HTML5, JavaScript, ReactJS, Redux NodeJS and MongoDB**
* Implemented various screens for front end using **ReactJS** and used various pre-defined components from NPM and library.
* Utilized **React** to build reusable components with **JSX** including (landing, forms, and buttons), resulting in optimized rendering and performance
* Used React **Hooks** with Strong experience in developing **Redux** forms with **React Life Cycle**
* Developed applications using ReactJS **Router** and single page applications to improve page performance.
* Experience in **Document Object Model (DOM)** manipulation and DOM Functions to use in interacting with objects in **HTML5**, **JavaScript** and **JSON** documentes.
* Developed Responsive/Adaptive Web Design using **CSS3** **Bootstrap** framework **Materialize and Font-Awesome**.
* Designed **Redux Thunk** middleware to improve the connection with back-end and avoid synchronized issues
* Used **Node.js** and **Express** to develop backend server.
* Involved in using **Webpack** as the module bundler and **Babel** as the **ES6** compiler
* Experience on design and usage of **NoSQL** Database and relational database such as **MongoDB** and **MySQL**
* Wrote services to store and retrieve user data from **NoSQL** like **MongoDB** for the application on devices
* Experienced in **NoSQL** database and used **Mongoose** Schema/Model to create CRUD with **Express.js** controllers
* Experience in **MongoDB** field range query and regular-expression searches to return specific fields of documents and also include user-defined **JavaScript** functions.
* Used databases such as **MySQL** and **MySQL** **workbench** to graphically administer MySQL databases and visually design database structures
* Working with RESTFUL Web Services and implementing **RESTFUL API's**
* Worked with source control systems **GIT / SVN**.
* Utilized Agile Methodologies (**Scrum**) to manage full life-cycle development of the project.
* Experience with deploying website on **AWS**, storing data on **S3** bucket, running framework on **EC2**.
* Worked on different OS such as **Windows, Linux and Mac**
* Experience in implementing the **MVC** architecture in backend applications using **Java** along with struts and servlets
* Used **Java** in designing and developing application with **Android** Studio.

**TECHNICAL SKILLS**

* Languages: **HTML, CSS, JavaScript, Python, Java, C++ and C**
* Front-end: **React ,Redux, React Hooks, Thunk, JavaScript, TypeScript, and NPM**
* Back-end**: Node.js, Express.js, Mongoose**
* Relational Database: **MySQL, SQL Server**
* NoSQL Database: **MongoDB, DynamoDB**
* Libraries and Framework**: Material-UI, Bootstrap, Materialize, Font-Awesome, jQuery**
* Cloud Computing: **Amazon Web Service (AWS), Google Cloud Platform (GCP)**
* Operating System: **Windows, Linux and Mac**
* Version Control: **Git** **and** **SVN**

**WORK EXPERIENCES**

**Elink-Elite, LLC Dallas, TX**

**Front-end Developer Jan 2020 – Now**

**Project Description**: Responsible for rebuilding E-commerce platform with react and redux. Implement user authorization login register shopping cart menu order history and checkout. Make the website more accessible to the customers. Collaborate with engineers, UX designers and product managers.

* Designed and Developed a full-stack shopping application website based on **MERN** framework which uses **MongoDB** as database, **React**, Google login API, Google Map API, **Bootstrap**, **Express**, **Node.JS**, **jQuery, HTML5, CSS3**.
* Built highly reusable UI components with **React** and Styled Components to increase scalability and reusability.
* Utilized **React** to build reusable components with **JSX** including (landing, forms, and buttons), resulting in optimized rendering and performance
* Used **State** and **props** to realize child and parent component communication.
* Used **ReactJS** with **Redux** to separate the data and presentation layer. Utilized **Redux** stores to handle the states and update the UI.
* Used **Redux** to manage the whole state. Developed the well-designed **Store**, **Actions** and **Reducers**.
* Developed Navigation bar, menu bar, drop down list with **React** widgets and **Bootstrap**
* Developed Responsive Single Page Applications (SPA) and **Router** using **ReactJS** and rendering pages on the server side for faster loading and updating.
* Created style sheets for web pages through **CSS3** **LESS** approach.
* Developed **CSS3** styles to maintain the uniformity of all the screens throughout the application and positioning of screen objects.
* Designed **Redux Thunk** middleware to improve the connection with back-end and avoid synchronized issues such as axis and fetch
* Used **Node.js** to build a scalable network application to handle many connections concurrently.
* Worked on client-side form validation using **JavaScript** and **Regular Expression.**
* Wrote services to store and retrieve user data from **NoSQL** like **MongoDB** for the application on devices
* Used databases such as **MySQL** and **MySQL** **workbench** to graphically administer MySQL databases and visually design database structures
* Used **GIT** version control tool and GitHub to maintain the source code
* Involved in using **Webpack** as the module bundler and **Babel** as the **ES6** compiler
* Fetching the data efficiently from **AWS** and deploying it on **AWS S3**.
* Utilized NPM to create the project structure and update and install packages.

**BMC Software Inc Dallas, TX**

**Front-end Developer May 2018 - Dec 2019**

**Project Description**: In charge of managing complex details about projects that require analyzing design requirements, as well as recommending technical solutions to make projects scalable, maintainable, and efficient. Debug websites to fix mistakes in the code to make sure they are error-free for network administrators and end users.

* Collaborated with web designer backend developer and UX designers to build a scalable web application using **HTML5 CSS3 JavaScript ES6 ReactJS**
* Implemented various screens for front end using **ReactJS** and used various pre-defined components from NPM and library.
* Designed UI components using **ReactJS** along with **Redux** as a state management
* Built highly reusable **React** components with **Class Component** and **Function Component**.
* Developed applications using ReactJS **Router** and single page applications to improve page performance.
* Developed **Document Object Model (DOM)** manipulation and DOM Functions to use in interacting with objects in **HTML5**, **JavaScript** and **JSON** documents.
* Used new feature in **HTML5 CSS3** such as transition transform and animation
* Designed and implemented server-side **RESTful** web services using **Node JS and Express.js** and handled communications to the client side using **JSON**.
* Knowledge on package bundling and interpreting frameworks and its plugins like **Webpack** and **Babel**.
* Developed client side down menus, search bars, carousel and drop down toggles using **Material UI**
* **U**sed **Node.js** and **Express** to develop backend server.
* Wrote services to store and retrieve user data from **NoSQL** like **MongoDB** for the application on devices
* Used **NoSQL** database and used **Mongoose** Schema/Model to create CRUD with **Express.js** controllers
* Designed **MongoDB** field range query and regular-expression searches to return specific fields of documents and also include user-defined **JavaScript** functions.
* Implemented data access layer using **Hibernate** and data access object (DAO) pattern to support CRUD operations and query in **MySQL** database.
* Utilized Agile Methodologies (**Scrum**) to manage full life-cycle development of the project.
* Worked with **Jest and Enzyme** unit test framework to write unit tests for **JavaScript** codes.
* Deployed website on **AWS**, storing data on **S3** bucket, running framework on **EC2**.
* Worked on client-side form validation using **JavaScript** and **Regular Expression.**

**China Eastern Airline Shanxi China**

**Front-end Developer May 2014 – Aug 2017**

**Project Description**: Online airline ticket booking is one of the essential applications of E-commerce. Airline reservation systems can show airline schedules, fare tariffs, passenger reservations and ticket records. It is a modern flight reservation.

* Worked on modern web application framework using **HTML5 CSS3** and **JavaScript ES6**
* Designed web pages using **HTML** and **CSS3** and implement functionality in **JavaScript**
* Responsible for creating **RESTful** web services to serve data to the front-end application in **JSON** format.
* Developed responsive webpage using **CSS3** media queries Box Model and frameworks including **Bootstrap** and **Font-awesome**
* Worked on client-side form validation using **JavaScript** and **Regular Expression.**
* Used **Document Object Model** manipulation and DOM Functions to use in interacting with objects in **HTML5**, **JavaScript** and **JSON** documents.
* Designed RESTFUL Web Services and implementing **RESTFUL API's**
* Used **MySQL** queries to clean, validate, and analyze data to help the web application.

**EDUCATION**

Southern Methodist University, Dallas TX

M.S. in Computer Science

Shanxi Agricultural University ,Shanxi China

 B.S. in Information management and information system