**DEVIN HAN**

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**PROFESSIONAL SUMMARY:**

* **Enthusiastic full-stack JavaScript developer with 7+ years’ experience with strong verbal communications and teamwork skills**
* Developed client-side of **single-page web application** using **React** as the framework
* Applied **Redux** as a global state management tool in single-page **React** web application
* Used **Redux-thunk** to make **Redux** actions more flexible
* Designed browser-side **UI with HTML/HTML5, CSS/CSS3, Bootstrap4, Material UI**
* Crafted efficiently reusable web-application components in **React** using **React Hooks**
* Implemented **JavaScript** application in multiple OSs such as **Windows, Linux, macOS**
* Developed event-driven web application server using **Node.js** and using **Express.js** as the server-side framework
* Created database in **MongoDB**, and used **mongoose** as a database management tool at the server-side
* Implemented CRUD functions at server-side using **RESTful API** to create APIs and used **Postman** to test APIs
* Used **Git, GitHub, SVN** as the version control system for tracking changes in the project
* Proficient in using **Unit.js** testing framework along with **Jest, Enzyme, Jasmine** test runners
* Used **NPM** as the package manager for the **JavaScript** applications
* Knowledge of **DBMSs** such as **MongoDB, MySQL**
* Deployed applications in cloud web services platforms like **AWS, Heroku**
* Hands-on experience with **C, C++, JAVA, Python**
* Deep understanding of **MVC** pattern in structure design
* Strong knowledge of JavaScript builds tooling, such as **Babel** and **Web-pack**
* Skilled in developing business plans, requirements, specifications, and user documentation
* Extensive project development experience with **Agile** and **SCRUM**
* Quick learner with professional in design and integration problem-solving skills
* Proven track record demonstrating innovative and solid designing skills, coding proficiency, ability to work with colleagues in a fast-paced environment

**TECHNICAL SKILLS:**

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| **Web Technologies** | HTML/HTML5, CSS/CSS3, JavaScript, AJAX, JSON, Bootstrap, React JS, React-Hooks, Redux, Redux-thunk, RESTful API, Express JS, Node.js, Git, GitHub,Unit.js, Jest, Enzyme, JAVA, Python, Django |
| **Database** | MongoDB, Mongoose, SQL, MySQL |
| **Operation System** | Windows, macOS, Linux |
| **Programming Languages** | C, C++, JavaScript, JAVA, Python |
| **Development tools** | Visual Studio Code, Eclipse, Sublime, Notepad++, IntelliJ, PyCharm |

**PROFESSIONAL EXPERIENCE**

**React UI/Front-end Developer, Kaiser, Pleasanton, CA JUN 2021 – TILL DATE**

**Responsibilities:**

* Developed the application with **JavaScript,** **JSX, Babel** on **React** framework at the client-side
* Utilized **HTML/HTML5** to construct web page elements and optimized layout and styled buttons, input forms to enhance UX using **CSS/CSS3**. Inserted multiple **Bootstrap** icons and components to beautify UI
* Realized main logic with **JavaScript (ES6)** using several useful functions to handle data processing like map, forEach, Spread operator, etc.
* Constructed side navigation bar with search input and page jumping button component using **React**-**Hooks** and using **Axios** to handle their requests. Managed elements states like search filter, pagination using state, and useEffect to ensure web rendering appropriate component in terms of those states
* Designed global states management system using **useContext()** to control and load states of the dashboard, and other components to ensure that users could get the result as expected and update their personal information immediately and properly
* Applied **useState()** to handle the actions such as search, add, edit and delete.
* Implemented an asynchronous event-driven server-side on **Node.js** with **JavaScript** and appended multiple libraries from **NPM** like **Express JS** and **mongoose** to communicate with both client-side and **MongoDB**
* Created readable, easy to maintain, clear APIs to send user requests to the back end using **RESTful Apis** and test APIs using **Postman**
* Imported **Express JS** as server frameworkto handle **CRUD** **HTTP** requests from client-side and communicated with **NoSQL** database **MongoDB** through **mongoose** using **RESTful API**.
* Designed a user schema in **JSON** format to store users’ information (includes employees and managers) which may contain the username, photo, title, etc.
* Stored all user information including text and graphs in **NoSQL** database **MongoDB Atlas** as **collections** which were made of independent *documents*. **Documents** could relate to each other in terms of the same value of field
* Applied **Promise, Then** and **Async/Await** to handle async requests which might appear in both front end and back end
* Coordinate developers with establishing and applying appropriate branching, labeling conventions using **GIT** source control
* Performs UNIT testing before implementing on cloud service platform with **Jest and Enzyme** to ensure each unit function the same as expected

**Environment:** JavaScript, JSX, Babel, React, React-hooks, Redux, Redux-thunk, HTML/HTML5, CSS/CSS3, Bootstrap, Node.js, ExpressJS, RESTful API, Postman, NoSQL, MongoDB, Mongoose, GIT, AWS, Unit.js, Jest

**Full-Stack React JS Developer, Cisco, SanJose, CA MAR 2019 – JUN 2021**

**Responsibilities:**

* Designed a **React** client-side of the application
* Managed code version and stored code by **GIT**
* Implemented all base logic functions in **JavaScript and JSX** using arrow functions, spread operator, etc. to styled code format
* Created **DOM elements** by using **HTML** tags like**<table>, <div>, <li>, <input>, etc.**
* Applied **Redux** as the state controller
* Customized style of photos list in posts page and user profile page using **HTML/HTML5, CSS/CSS3** and **Bootstrap**
* Created different buttons and icons which can fade in and fade off when the user clicks or hovering on using customized **CSS** files
* Used **Fetch() API** to fetch chat and calendar data from the server and pass these data to the client-side to display
* Implemented a popper feature using **Bootstrap**. When the mouse hovering on a post, the popper will show create date
* Improve app performance by letting users see a limited number of comments under each post by default and adding a *see more* button to let them access more
* Executed unit testing test cases of self-developed components using **Jest**
* Used **Chrome Developer tools** for debugging, cross browsers testing, and compatibility assurance
* Built server-side with **JavaScript** listener relied on **W3C** standard **WebSocket API**
* Created **Tables** and **Databases** in **MySQL** to store all user’s data including user chat history and calendar.

**Environment:** JavaScript, DOM, HTML/HTML5, CSS/CSS3, Bootstrap, WebSocket API, SQL, MySQL, Jest, GIT

**Full-Stack React JS Developer, United Airlines, Denver, CL FEB 2017 – MAR 2019**

**Responsibilities:**

* Constructed multiple pages of the application including homepage, open account page, dashboard, login page, profile page, etc. based on **React** with **JavaScript**.
* Realized jumping between different pages with **react-dom-router**, and using **Switch**, **Link,** and **Exact** to render the appropriate components with different URL
* Applied infinite scroll pagination of transactions list to enhance performance (depends on data size) and improve application UX using **HTML/HTML5, CSS/CSS3**
* Created operation actions using **JavaScript** arrow functions and using **JavaScript** map function and spread operator which make code to be more concise
* Stored login information in **Local Storage** which keep customers status to prevent data loss from leaving or closing page accidentally
* Designed structures of **data schema** of customers and saved their account settings in **MySQL** using **MySQL** libraryand allowed them to modify their basic information such as name, address, email, etc.
* Using **SQL Constraints** to ensure data in each row of a table is stored as an accurate type and to avoid errors that may cause by maloperations
* Realized reward system which records their transactions history and reward points for customers. Reward points will add to their account which is stored in **MySQL** automatically after transactions completed
* Used **SELECT FROM, WHERE, LIKE, UNION, GROUP BY,** and **RegEx** to complete complicated query tasks in a database and used **MySQL Operator** to do some preprocessing
* Added **Indexes** to all **Tables** in **MySQL** to enhance the performance of data query
* Created connections between **Customers Table** and **Products Table** in **MySQL** using **Foreign Key**
* Applied multiple **JOIN methods** to combine selected fields of different data tables from the database and return an appropriate table that contains data easy to process
* Did unit test for each functional unit using **Enzyme**
* **Environment:** JavaScript, JSX, Babel, React, react-dom-router, HTML/HTML5, CSS/CSS3, SQL, MySQL, MySQL, GIT, Unit.js, Enzyme

**Full stack JavaScript Developer, Cloud Protek, Beijing MAR 2015 – FEB 2017**

**Responsibilities:**

* Created a pure **JavaScript** client-side of the application
* Managed code version and stored code by **GIT**
* Implemented all base logic functions in **JavaScript** using arrow functions, spread operator, etc. to styled code format
* Created **DOM elements** by using multiple **HTML** tags**.**
* Applied **jQuery** libraryto manipulate **DOM** elements’ and generate actions and animations
* Customized style of photos list in posts page and user profile page using **HTML/HTML5, CSS/CSS3**
* Created different buttons and icons which can fade in and fade off when the user clicks or hovering on using customized **CSS** files
* Used **AJAX** to fetch comments, likes, posts data from the server and pass these data to the client-side to display
* Executed unit testing test cases of self-developed components using **Jasmine** and **Mocha**
* Used **Browser Developer tools** for debugging, cross browsers testing, and compatibility assurance
* Created **Databases** in **MySQL** that store all user’s data including user posts and comments

**Environment:** JavaScript, DOM, HTML/HTML5, CSS/CSS3, jQuery, AJAX, WebSocket API, SQL, MySQL, Jasmine, Mocha, GIT