Michael Chen

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SKILLS: JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku

PROJECTS:

Storytopia *Ruby on Rails, ReactJS*   live | github

A full-stack clone of Medium which focuses on short stories.

- Incorporated React-Redux container and Redux selector patterns to architect highly scalable and uni-directional front-end state management.
- Implemented user authentication by combining Rails conventions, Active Record, and customized React-Router components.
- Leveraged Webpack and Babel to ensure a reliable uniform user experience across web browsers.

Someday ReactJS, Redux, MongoDb, Node   live | github

A website allows users to search for movies/tv-shows and add them to their watchlists.

- Designed infinite scroll React components across the sign to ensure a reduced loading time and make the site more responsive.
- Constructed a MongoDb database to ensure future scalability with a simple and clear backend route. This database structure will allow the app to maximize the number of users it can handle at the same time.

CyberWriter Javascript, HTML5, CSS3   live | github

A text editor app that provides real-time feedback to encourage more efficient writing.

- implemented web components to modularize each piece of the Ui. It creates an isolated environment for each custom element which prevents cross-contamination between stylesheets. It also makes the core DRYer with better reusability.
- Optimized the website performance with custom events to pass data between components to reduce the number of event listeners needed for the same UX.
- Utilized CSS animation with keyframes to generate visual effects. Increased the loading speed by minimizing the file size. Designed an autosave feature with disconnectedCallback to allow the user to continue working on their progress with minimum effort.

EXPERIENCE:

General Manager   *Slanted Door Group*   Jan 2017 - Mar 2020

- Led a compact team of 12 to serve over 500 guests daily with a satisfactory rate of over 90%
- Revised the inventory system and combined it with uploading invoices to gain up to date information. This allowed us to reduce the inventory by 25% and cut the cost by 20%.
- Built an online ordering system with Toast. Increased sales by 15% while lowered the wait time per customer by 16%.
- Provide remote support to the new team building the backend system for future cross-location integration.
- Achieved 1.2 million annual revenue to solidify Slanted Door Group's reputation as one of the best modern Vietnamese restaurants in downtown Berkeley.

FOH Manager   *Imperial Tea Court*   May 2015 - Dec 2016

- Delivered high-quality customer service with a fast-paced working environment and compact team while maintaining a satisfactory rate of 95%.
- Managed the FOH inventory while using the daily sales data to monitor the change of guests' preferences. Communicated with the warehouse to ensure quality control, allowing us to hold 30% inventory to keep cash flow healthy for the company.

Lead Armourer   *Republic of China Army*   Oct 2012 - Oct 2014

- Cooperated with other departments to ensure all the required parts are in the queue based on urgency. This allowed our unit to reduce the amount of equipment failure by 50%.
- Trained 100+ colleagues to perform proper equipment maintenance procedures. As a result, reduced part replacement requests by 20% within a month.
- Initiated a communication system between FOH and the kitchen, Reduced the number of mistakes made per week by 70%, and created a more positive relationship between staff.

EDUCATION:

AppAcademy - *1000-hour immersive full-stack web development intensive with <3% acceptance rate*   2017