CHRIS THORNE
Software Engineer

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SKILLS

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

PROJECTS

Pinterplay | *(React/Redux, Ruby on Rails, HTML5, JavaScript, SCSS, Webpack, AWS, PostgreSQL, Heroku)* **live** | **github**
- Harnessed Redux single state management to streamline backend and frontend communication and implement well rounded CRUD functionality, allowing users to customize their profiles.
- Employed AWS S3 to facilitate user image uploads reducing server load and allowing for scalability of image services.
- Leveraged Rails polymorphic association pattern to reduce database constraints, resulting in a leaner, more optimal and ultimately scalable application.

Gradient Love | *(JavaScript, HTML5, SCSS)* **live** | **github**
- Administered DOM manipulation techniques to develop an intuitive user interface (UI) that enables dynamic customization of a background animation with immediate responses to user preferences.
- Built an animation simulator utilizing JavaScript and CSS animation techniques that immediately mimics the speed, trajectory, and visualization of a user controlled, custom gradient animation tool.
- Engineered a CSS animation code display with real time response to user controls that allows for effortless code copy and personal reuse.

CYMS | *(React/Redux, JavaScript, Node.js, Express.js, CSS3, AWS, Heroku, Webpack, MongoDB)* **live** | **github**
- Utilized Github branches and merging authentication as Project Lead to delegate responsibility and complete individual tasks which contributed toward collaborative goals.
- Spearheaded design responsibilities utilizing Sass mixins and custom properties for DRY stylesheets and to develop and implement a smooth, cohesive and intuitive user experience (UX) for seamless application navigation.
- Implemented User Auth by encrypting user details via JSON Webtoken library to be sent over HTTP using Axios to be decrypted via the JWT-Decode library on the frontend.
- Applied Mongoose ORM to map results of database queries onto JavaScript objects to be manipulated and returned to the frontend, separating concerns and following MVC best practices.

EXPERIENCE

Server
Vic's   Sept 2019 - Mar 2020
- Handled time and stress management to plan seamless table service leading to recognition by ownership for efficiency and organization and promotion to Lead Server status.
- Initiated conflict resolution techniques to develop new staff procedures to facilitate staff communication resulting in recognition by management and permanent implementation.
- Applied upselling techniques to consistently exceed performance expectations and achieve the highest average nightly sales per person.

Server
The Farm on Adderley   Apr 2017 - Sept 2019
- Overhauled the bar and wine storage system to create eye-catching displays resulting in greater customer interest and a 5% increase in sales.
- Led training of new hires in Aloha point-of-sales software, oversaw opening/closing procedures and supervised a small team of colleagues as a Senior Server resulting in greater team cohesion and individual efficiency.
- Employed communication and interpersonal skills to assist guests with expertise in refined cuisine and wine ensuring higher overall customer retention and a 98% customer satisfaction rate.

EDUCATION

Pratt Institute - *Bachelor of Fine Arts, minor in Art History.* 2006
AppAcademy - *Immersive full stack software engineering course focussing on web development in JavaScript and Ruby.* 2021