Sean Scott

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Skills

React.js, Redux, JavaScript, D3, HTML, CSS, MongoDB, jQuery, SQL, Babel, Webpack, Canvas
PostgreSQL, Node.js, Express.js, Ruby on Rails, AWS S3

PROJECTS

Nightflix (React.js, Redux, Ruby on Rails, Postgres)   Live Site | GitHub
A copycat of Netflix

- Integrated redux with HTML5 media web components to create customized media playback for users.
- Built CRUD for users liked videos by dispatching actions through mapDispatchToProps which permitted maintenance of the correct slice of the state based on the users action.
- Through my action creators I dispatched the appropriate actions to be handled by reducers in order to update the global state when a user clicks to add/remove a video to their list.
- Applied Thunk middleware in order to allow for currying of actions.
- Organized my reducers to use the correctly imported actions and mapStateToProps in order to give components the appropriate slice of global state.
- Keyed into the correct video from entities slice of state (created in the entities reducer). Utilized ownProps to grab the ID from the URL params inside of the component container to identify the correct video to be shown on the video show page.
- Created an empty object 'tempState' to update the local state within a genre so that the user can scroll through videos matching the genre in a horizontal carousel.

Borrow Me (JavaScript, React + Redux, MongoDB, Express, HTML, CSS)   Live Site | GitHub
A renting site for people in your area

- Incorporated React Hooks 'useState' to create local state in the React component to be set in the useEffect method.
- Implement CRUD functionality through modals to create a more user friendly experience by dispatching the appropriate action while managing the 'FormData'.
- Improved frontend organization through the use of useState instead of using container based components, specifically in the use of CRUD for postings.
- Eliminated the need for containers and lifecycle method through the use of React Hooks allowing us to use function based components.

Global-Temperature-Data (JavaScript, D3, HTML, CSS)   Live Site | GitHub
An interactive temperature variation map

- Utilized JavaScript integrated with D3 to create an interactive map that reflected the changing temperatures over time.
- Sped up fetching my csv data 10 times by setting up a cache in the backend so that when the user selects countries the csv data won't be filtered through each time.
- Set up a HashMap of classes and utilized the 'classList.Add' and 'classList.Remove' to add and remove classes to the users selected countries.
- Added an event listener on the 'begin' button of the modal and initially set the attribute to disabled until a user selects a country.
- Setup an express backend in order to serve data to the frontend which then used TopoJSON to map it to countries.

EXPERIENCE

Parakeet - *Founder & CEO*   09/2019 - Present
- Created an iPhone app for sharing memories in which I made the wireframes and designed the functionality.
- Managed a software engineering team for 5 months.

Roger Scott Immigration Law - *Law Assistant (while also taking software engineering courses on Udemy)*   05/2019 - 05/2020
Udemy - *Senior Sales Development Representative*   09/2017 - 05/2019
AdWords Consultant - *Founder & CEO*   09/2016 - 09/2017

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY - *Bachelors in Environmental Economics and Policy*   05/2015
APP ACADEMY- *Full Stack Web Development*   09/2020