Harsha Bandi

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SKILLS

React.js, Redux.js, Ruby on Rails, Express.js, Node.js, JavaScript, jQuery, Jbuilder, SQL, Mongoose ODM, MongoDB, postgresQL, SQLite3, ActiveRecord, Git, HTML5, CSS3, AWS, ActionCable, Canvas, Heroku

PROJECTS

Disco (React.js, Redux, Ruby on Rails, ActionCable, Jbuilder, postgreSQL, HTML5, CSS3)   Live Site | GitHub
A real-time chat application where users can curate spaces to meet with friends
- Harnessed ActionCable websockets in the Ruby on Rails backend in order to subscribe React components to a shared state, allowing for dynamic and seamless re-rendering every time a message is sent in a channel or direct message
- Developed specific selectors so that data presented by Redux actions could be parsed and provide the correct information to each React component
- Compiled all modals into a single React component function and Redux action to keep code DRY, while still dynamically providing the correct information to each component and rendering each with different CSS3 styling

codeUps (React.js, Redux, MongoDB, Express.js, Node.js, HTML5, CSS3)   Live Site | GitHub
Code mentorship website where interested students can arrange tutoring sessions with more experienced peers
- Spearheaded the project as the team leader, serving as the deciding voice in reviewing Pull Requests and outlining workstreams through GitHub
- Provided guidance to the backend lead, frontend lead, and design lead in terms of setting goals, schedules, and solving any bugs that would have hindered progress for the overall team
- Coordinated AWS video and image hosting and Heroku web hosting to create the backbone of the site

Bringing Home the Bacon (JavaScript, Canvas API, HTML5, CSS3)   Live Site | GitHub
Side-scrolling browser game with scaling difficulty
- Utilized the Canvas API to dynamically render my custom pixel art in the HTML5 skeleton with JavaScript interaction
- Created functions that defined movement, gravity, and positioning for all interactable objects in the game
- Compiled levels into easily adjustable functions to allow for balancing tweaks and future custom level support without having to change core aspects of the code

EXPERIENCE

Head Coach
Houston Outlaws, Oct 2019 - Oct 2021
- Reshaped the structure of the Outlaws franchise within two years, achieving their most successful season ever in 2021 and their first ever playoff win in 2020
- Created rosters with a set budget of $1,200,000 in mind in order to achieve best results possible while scouting and signing undervalued players in the process
- Developed structures for the team in order to set up their success for future seasons, including extended support for foreign players moving to the USA to compete for the team such as language tutoring

Director of Operations, Coach
Vancouver Titans, Oct 2018 - Oct 2019
- Spearheaded logistics in terms of assembling a roster, securing living arrangements, ensuring visa processes followed a steady timeframe, and containing expenses within a $500,000 annual budget all while maintaining top performances
- Provided guidance for several software engineers in developing statistical analysis tools in order to improve the level of insight for the team's coaches
- Facilitated in-game discussion and conflict resolution, all while communicating with players in both Korean and English, earning 1st place in a tournament with a $200,000 prize and 2nd place overall throughout the season earning an additional $600,000
- Earned a spot coaching the 2019 USA national team for accomplishments during the season, earning the USA's first and only World Cup victory in the history of the tournament

Coach, Analyst
San Francisco Shock, Oct 2017 - Oct 2018

EDUCATION

App Academy - Rigorous software engineering bootcamp with 1000 hour curriculum and 3% acceptance rate *(Winter 2021)*
University of California, Los Angeles - Student in biology *(Fall 2014 - Winter 2017)*