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, AWS, Heroku, Git)   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
- Administered React hooks to components in order to manage local state with more control, allowing for virtual DOM manipulation and responsiveness
- 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, AWS, Heroku, Git)   Live Site | GitHub
Code mentorship website where interested students can arrange tutoring sessions with more experienced peers
- Led team of 3 engineers, set goals and schedules via daily standups, reviewed Pull Requests, and outlined workstreams through GitHub
- Acted as flex engineer to assist team in debugging, creating React components and Node backend setup
- Designed modal components in a DRY manner for reuse for user profiles, tutor reviews, and video searches
- Incorporated AWS video and image hosting and Heroku web hosting to create site backbone

Bringing Home the Bacon (JavaScript, Canvas API, HTML5, CSS3, Git)   Live Site | GitHub
Side-scrolling browser game with scaling difficulty
- Utilized the Canvas API to dynamically render 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 changing core aspects of codebase

EXPERIENCE

Head Coach
Houston Outlaws, Oct 2019 - Oct 2021
- Reshaped the structure of the Outlaws franchise within two years, achieving most successful season in 2021 and first ever playoff win in 2020
- Created player rosters with budget of $1.2M, while actively scouting and signing undervalued players, significantly increasing overall performance of the team
- Developed team operations structure (scheduling, housing, etc.), including language tutoring for foreign team members moving to the USA, improving overall team cohesiveness and morale

Director of Operations, Gaming Coach
Vancouver Titans, Oct 2018 - Oct 2019
- Spearheaded logistics for assembling a roster, securing living arrangements, ensuring proper visa protocols, while successfully containing expenses within a $500K annual budget and maintaining top performance
- Provided guidelines for software engineers to develop statistical analysis tools to gain better insight on team performance
- Facilitated in-game discussion and conflict resolution, earning 1st place in a tournament and 2nd place overall for total season earnings of $950K
- Coached the 2019 USA national team, earning the USA's first and only World Cup victory in the history of the tournament

Gaming Coach, Analyst
San Francisco Shock, Oct 2017 - Oct 2018
- Analyzed team strategy trends across the Overwatch League using Excel and Google Sheets

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)*