KARTIKEYA PARIHAR

P: 281-203-9195   kartikvips@gmail.com   LinkedIn   Github

SKILLS

React, React Native, Redux, Ruby on Rails, PostgreSQL, MongoDB, Express.js, JavaScript,, SQL, HTML5, CSS3, SCSS, Java, Visual Basic, PostgreSQL, Node.js, Git, Heroku, npm, Jest, Capybara, RSpec, jQuery

PROJECTS

fable | *(React, Redux, Ruby, Rails 5, HTML5, CSS3, PostgreSQL, SASS))* | Sole Developer   live | github
A single-page Medium clone where users can create, edit, comment, and search through articles using a rich text editor.
- Implemented Redux architecture's unidirectional data flow with React for predictable state and reliable DOM rendering.
- Integrated Quill.js to incorporate rich text editing.
- Utilized PG Search in backend to search queries across multiple models.
- Developed custom modal framework using for efficient rendering of new authorization forms.

Media Player | *(Javascript, HTML5, CSS3, Canvas, Web Audio API)* | Sole Developer   live | github
A web based MP3 media player that allows users to drag and drop audio files to play music with audio visualizations.
- Developed and styled media player by incorporating Audio tag, event listeners and handlers with JavaScript to handle play capabilities.
- Incorporated Web Audio API to collect audio frequency data for audio analysis.
- Utilized DOM and Canvas to create visualizer for song frequency and amplitude using Archimedes spiral equation.

flipt | *(React Native, Redux, MongoDB, Mongoose, Node.js, Axios, MapView, Google Books API, Passport.js, Express.js)* | Developer on team of 4
An iOS app that connects communities and builds a book sharing environment to bring people and books together.
- Incorporated Passport.js for user authentication with facebook and google login.
- Fetched data from Google Books API to allow users to add books to collection of owned books.
- Utilized MapView in React Native with a backend search route allowing users to search for books by title, author and distance

EXPERIENCE

CooMo Travel
VP, Partner Strategy   Mar 2017 - Aug 2017
- Developed TapThrough pages for website using editing software saving 70% contractor cost.
- Raised social media following growth rate target of up to 16% per week over the first month.
- Developed the company-adopted growth strategy focused on establishing partners in specific regions to market the company as region experts leading to increased brand presence and credibility with market.

Process/Project Engineer
Daewoo Shipbuilding and Marine Engineering (DSME) Offshore Engineering Corporation   Jun 2014 - Oct 2016
- Managed progress of projects by developing the company progress tracking methodology, identifying areas of concern and addressing issues resulting in all of the following projects completing at least 15% under budgeted man hours for all projects.
- Worked with discipline managers to strategize a competitive marketing strategy by reducing DSME Mid-Size FPSO tonnage by 27% lowering proposal pricing for EPCI phase of project.
- Developed two line sizing programs in VBA and VB.Net reducing total man hours required for task by 50%.
- Produced separator sizing program in VBA to lower total man hours required for sizing applicable separators by 70%.
- Calculated piping weights and developed piping schedule program in VB.Net to calculate piping thickness for piping department saving 50% of time with activity.

EDUCATION

University of Houston - *BS Chemical Engineering, May 2014*
AppAcademy - 2018 - Immersive software development course with focus on full stack web development with less than 3% acceptance rate.