Kartik Parihar

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SKILLS

Ruby, JavaScript, Visual Basic, React, React Native, Redux, Rails, PostgreSQL, MongoDB, Express.js, SQL, HTML5, CSS3, SCSS, PostgreSQL, Node.js, RSpec, jQuery

PROJECTS

fable | *(React, Redux, Ruby, Rails 5, HTML5, CSS3, PostgreSQL, SASS)* | Sole Developer
A single-page Medium clone where users can create, edit, comment using a rich text editor, and search through articles.
- Implemented Redux architecture's unidirectional data flow with React for predictable state and efficient 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

audioViz | *(Javascript, HTML5, CSS3, Canvas, Web Audio API)* | Sole Developer
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, 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

App Academy
Ruby Instructor and Technical Admissions Specialist   Aug 2018 - Present
- Created lesson plans, gave lectures, led seminars on debugging best practices, held one-on-one tutoring sessions, graded homework assignments, and assessments
- Led technical and non-technical interviews with prospective students, assessing algorithmic aptitude in a variety of programming languages including Ruby, Python, JavaScript and Java

CooMo Travel
VP, Partner Strategy   Mar 2017 - Aug 2017
- Developed Tap Through 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   June 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*
App Academy - 2018 - Immersive software development course with focus on full stack web development with less than 3% acceptance rate