TJ McCabe

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LinkedIn • **Portfolio** • **GitHub**

SKILLS

React.js, Redux, JavaScript, Ruby, Node.js, Rails, Express.js, SQL, MongoDB, HTML, CSS, Git

PROJECTS

Jobsy | *(Node.js, Botkit.js, TypeScript, React.js)* **Live Link** | **GitHub Repo**
Hackathon-winning single page resume exploration app built around a chatbot
- Utilized Framer Motion to animate chat messages and improve UI/UX
- Created Typescript Interfaces to provide a smoother programming/debugging experience for other developers
- Conditionally rendered user-defined images & links depending on which node of the resume is in focus

Meticulist | *(Rails 5, Ruby, React.js, Redux, PostgreSQL, AWS)* **Live Link** | **GitHub Repo**
Single page productivity app that gives visual structure to projects & tasks, modeled after Trello
- Engineered an efficient drag-and-drop methodology with React, Redux, and PostgreSQL, producing a responsive user experience by minimizing database calls and optimistically rendering updates before saving to the database
- Integrated the Unsplash 3rd party API to provide users with a more customizable experience
- Connected Rails backend to AWS S3 for image storage, imposing a size limit to reduce latency and storage cost

Baconizer | *(Node.js, JavaScript, D3.js, HTML5, CSS3)* **Live Link** | **GitHub Repo**
Interactive game for generating actor & movie chains, based on the 6 Degrees of Kevin Bacon parlor game
- Leveraged SVG elements in D3.js to build a force-directed graph of all links to any particular movie or actor
- Built custom game logic using JavaScript and Node.JS that manages the current state of play and gives live updates about current progress with every move
- Devised a bi-directional BFS algorithm that finds the best possible next moves, allowing for hints/guided gameplay

DistanSing | *(Node.js, React.js, Ruby, Express.js, MongoDB, AWS, PeerJS, Socket.IO)* **Live Link** | **GitHub Repo**
Streaming site for artists to host virtual events on the scale of in-person concerts
- Designed a dynamic framework utilizing React, Socket.IO, and PeerJS to enable large-scale live streaming and chat
- Implemented two concurrent types of user authentication using JSON Web Token, MongoDB / Express, and React modal components, allowing visitors to register as either a user or an artist, each with its own functionality
- Instituted a search feature by utilizing Regular Expression matching of user input to improve User Experience

EXPERIENCE

Centercode, Laguna Hills, CA
Customer Validation Program Developer Feb 2016 - Nov 2019
- Established and continually managed over 30 individual Customer Validation programs for predominantly Fortune 500 companies, including on-site company onboarding, quarterly business reviews, and annual program audits
- Collaborated with Centercode's Engineering & QA teams on a daily basis, using an agile approach to identify and track hundreds of monthly bug reports & feature requests from Centercode clients in JIRA
- Served as primary advisor to Centercode's largest Customer Validation Services client in revenue and scope

Barnes & Noble Booksellers, Aliso Viejo, CA May 2014 - Feb 2016
Digital Sales Lead
- Directed Nook sales, customer service, & inventory, continually coaching over 20 booksellers in digital sales
- Led monthly in-store promotional events for digital products, acting as B&N's representative to the public

EDUCATION

App Academy - *Immersive software development bootcamp with an acceptance rate under 3%* Graduated 2020
University of California, Los Angeles - *BA Economics* Graduated 2014

DISTINCTIONS

Certified Associate in Project Management - *PMI Institute*
Eagle Scout - *Boy Scouts of America*