

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

- Built a unique visual experience by animating chat messages and tracking mouse movements with Framer Motion
- Created Typescript Interfaces to provide a smooth programming/debugging experience for other developers
- Used JSON parsing to conditionally render user-defined images 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 by incorporating ReactBeautifulDnD into React & Redux
- Vastly improved responsiveness by minimizing DB calls and optimistically rendering updates before saving changes
- Integrated the Unsplash 3rd party API to provide users with their own personalized Board background images
- Connected Rails Active Storage to AWS S3 for asset storage, imposing a size limit to reduce latency and 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 the Async/Await pattern and Promises that manages the current state of play and gives live updates about current progress after every move
- Devised a bi-directional BFS algorithm that finds the best possible next move, 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 the primary advisor to Centercode's largest Services client in revenue and scope at over \$400,000/year

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*