Sean Melody   Full-Stack-MERN Developer

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https://github.com/SeanMelody || https://seanmelody.github.io/portfolio/
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Summary

Full Stack Web Developer leveraging a background in Forensic Photography and Art History. Recently received a Certificate in Web Development from UC Berkeley. Forever optimistic, and incredibly detail oriented. My experience and training in both the art and development world will allow me to think critically and to get any and all jobs done, on time independently or as a part of a team.

Technical Skills

JavaScript, React, mongoDB, MySQL, HTML, CSS, Express, Node, jQuery, Bootstrap, Bulma, Handlebars, Mongoose, Progressive Web Loading, Caching, Service Workers, Git, GitHub, Heroku, Atlas

Freelance

Software Engineer   Dec 2020 - Present
Coinlist.co   San Francisco, CA

- Redevelop the internal Freshdesk FAQ website used by employees for tracking and answering help desk questions.
- Added Coinlist branding, logo and color scheme to the page using HTML and CSS
- Created an easier to use, and more streamlined webpage working with the Director of Client Services on their vision.
- Utilized the existing Ruby on Rails backend of articles to make customer service questions faster to answer.
- Met deadlines and currently implementing additional features to make the page more efficient.

Tech Stack: Ruby on Rails, HTML, CSS.

Projects

Day Planner: https://github.com/SeanMelody/Fantastic-Four-Stocks || https://secret-escarpment-97413.herokuapp.com/

Check your todo list, get stock quotes, headline news and the weather, all in one place, all using CRUD functionality.

- Collaborated with a team of three on what to develop.
- Developed a single static web page that utilizes three different calls and two MongoDB collections.
- Engaged with test users to refine the display and usage.
- Imagined and implemented new uses and API to create the best all around product.
- Created CRUD functionality with the MongoDB database for Todo's and Stock searches.
- Kept other members of the group informed by utilizing Zoom calls, Slack and detailed comments in code.
- SCRUM master: handled all merge conflicts from other less experienced developers.
- Deployed the page to Heroku with an Atlas powered database.
- Found new technologies to implement that helped to optimize load time and userface.
- Improved the application performance using Lighthouse Reports.

Tech Stack: JavaScript, MySql, Sequelize, Express, DotEnv, Luxon, Cloudinary, HTML, CSS, Bootstrap, OpenWeather, NewsAPI and AlphaVantage.

Book Search & Save:https://github.com/SeanMelody/GoogleBooksAPI || https://google-books-api-sm.herokuapp.com/
Search for books using the GoogleBooks API, then Save them using MongoDB, all built with React.
- Developed a static page application using React, and React-Router-Dom.
- Implemented the GoogleBooksAPI to display searched books.
- Allows users to view the book on Google Books, or save it to a list for later reading.
- Utilized MongoDB used to save and display past saved books.
- Created CRUD functionality to save, or delete a book.
- Meticulous comments in code to explain to other developers.

Tech Stack: React, MongoDB, Mongoose, JavaScript, GoogleBooksAPI, HTML, CSS, Bootstrap.

Map Eventz (Group Project) https://github.com/SeanMelody/Project-3 || https://map-events-sm.herokuapp.com/
A Mapbox API Powered web application that allows you to create, edit, save and delete events.
- Collaborated with a team of five on what to develop.
- Utilized JWT for user authentication log in and allowing a user to stay logged in for 24hours.
- Implemented CRUD functionality with the MongoDB database for Events.
- Optimized production by creating seed files to populate the Database.
- Developed multiple React pages to give users options for how to view, create or edit events.
- Created clusters to show groupings of events depending on map size, and number of events.
- Kept other members of the group informed by utilizing Zoom calls, Slack and detailed comments in code.
- Make sure to submit code that would not create merge conflicts for the Main branch.
- Met development deadlines by taking on others' tasks that they were unable to finish.
- Deployed the page to Heroku with an Atlas powered database.

Tech Stack: React, JavaScript, Mapbox, JWT, MongoDB, HTML, CSS, Bootstrap.

Experience

Forensic Photographer & Archivist   May 2013 - Present
San Francisco Police Department   San Francisco, CA
- First ever civilian employee to take on this role.
- Hire, train and mentor more civilian talent saving 10's of thousands of dollars on training police officers.
- Minimized employee hours by 20% by developing an innovative and streamlined process for photographing of crime scenes and evidence processing.
- Excelled with strong attention to detail, group communication, and passion to always learn and enjoy new technology.

Education

University of California; Berkeley, CA: Full-Stack Web Development Certificate
A 24-week intensive boot camp program focused on gaining technical programming and market-driven skills in Node.Js., Express, JavaScript, jQuery, React.js, React, JSX, GIT, GitHub, MongoDB, MySQL, Mongoose, Handlebars, HTML5, CSS3, Bootstrap, Materialize, APIs, Heroku, Terminal, AJAX, Restful API, ES6, React Hooks, JSON, Sequelize.

California State University, Chico: Bachelor's Degree in Art Emphasis in Photography and Minor in Art History: Emphasis in Photography, digital and darkroom work as well as unique non-traditional photographic processes. Including creating my own Experimental Development Techniques.