JACOB MEYER

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SKILLS

React, Redux, Ruby, Ruby on Rails, JavaScript, Node.js, HTML, CSS, SQL, Docker, GraphQL, Apollo, MongoDB, Express, HTML5, CSS3, AWS, Git, jQuery, RSpec

PROJECTS

FIDELITY FOG (React, Rails, PostgreSQL)   live | github

FidelityFog is a clone of the popular SoundCloud and uses Ruby on Rails, PostgreSQL, React, and Redux.

- Deployed custom authentication with Ruby on Rails that uses BCrypt and ActiveRecord to store hashed and salted passwords and unique tokens for persistent user sessions.
- Achieved audio file upload using FormData and FileReader, then sending the data object to a rails controller to be stored on an AWS S3 bucket and attached to the SQL record as an Active Storage attachment.
- Created a responsive track bar UI by creating a ui slice of state and a currentTrack key in that slice to hold the currentTrack info. This state is tracked by the trackBar component and uses React Refs to control the track and display its metadata.

CODE DUELER (React, GraphQL, Apollo, MongoDB, Node.js)   live | github

Code Dueler is a combination of TypeRacer and Leetcode that uses MongoDB, Express, Apollo, GraphQL, React and Node.js.

- Implemented a global chat room using React components and Websockets using Apollo subscriptions and MongoDB message and user collections.
- Designed unique UX including a custom text editor that features syntax highlighting for user code submissions sent for processing by Google Cloud Functions, that return results and errors that are then relayed to React components in real time.
- Utilized Docker containers for efficient development, testing, and updating as well as system agnostic deployment.

MUSIC MAESTRO (React, Express, MongoDB, Node.js)   live | github

Music Maestro is a tool to find concerts that uses MongoDB, Express, React, Redux, and Node.js.

- Developed specifically for mobile users, each element is size optimized for small displays using CSS flexbox so that it also does not sacrifice the experience of desktop users.
- Constructed a Favorites feature by creating custom Express routes, storing event IDs on the MongoDB User document, and then displaying them as needed by fetching the user document and calling populate on the event ID stored on that user.

ROO MAP   (JavaScript, HTML5, CSS)   live | github

Roo Map is an interactive map of Bonnaroo Music and Arts Festival that uses vanilla JavaScript, HTML5, and CSS3.

- Transformed standard PDF map into an interactive guide using JavaScript and DOM to calculate cursor position relative to screen and page for precise animations.
- Optimized layout across all device types using CSS flexbox and media queries to present a responsive, seamless UX.

EXPERIENCE

Kitchen Manager

Murray's Irish Pub   Jan 2017 - Aug 2019

- Prepared and plated dozens of orders each 6 hour shift while operating a grill, fryer, and oven through efficient time management and delegation, ensuring a standardized high level of quality at all times.

Healthcare Specialist

US Army Reserve   Oct 2008 - Oct 2016

- Ensured the deployment immunization readiness of thousands of soldiers attached to the 1st Cavalry Division in Fort Hood, Texas over a one year period.
- Earned civilian Emergency Medical Technician certifications and trauma specific Army medical certifications.

EDUCATION