Eric Askew

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SKILLS:

Strong: JavaScript, ES6+, React/React-Router, Redux, Express, SQL, NoSQL, Webpack, Node.js, Deno, Axios, Git, Material UI, Postman, HTML, CSS, GitHub, BootStrap UI

Experienced: Jest, SuperTest, React Testing Library, Mocha, React Flow, GraphQL, Bcrypt, Next.js, OAuth

CURRENT EXPERIENCE:

BeamQL | *Front-end Engineer*   2021
- Crafted an open-source web-based tool to streamline migration to GraphQL by automating schema and resolver production, adding a GraphQL controller layer to any existing REST API without interfering with the endpoints, and enabling direct API user interaction with database for a optimal user experience and reducing response payloads Implemented React Testing Library for the frontend components to ensure accuracy of component composition and DOM rendering
- Created reusable React components with react-flow library for the frontend, to customize and render data to a node-based diagram, maintaining a structured, intuitive codebase
- Deployed a Node.js/Express server to take advantage of the middleware design pattern, creating multiple routers and controllers to chain extensive data collection logic together for readability and scalability as well as simple debugging
- Created CSS/HTML styling & color scheme and overall design and structure of the application.
- Structured a PostgreSQL database to have relational data stored and accessible to be ACID compliant

OPEN SOURCE:

DigiHeart | A digital keepsake for uploading photos and memories of loved ones   *Software Engineer*
- Implemented React Router to facilitate a seamless user experience and implement optimized performance within an SPA
- Crafted a Node.js/Express server to efficiently handle HTTP requests to a variety of endpoints and maintain code readability and used MongoDB database to store and maintain non-relational, static image assets and data with performant access

CalMole | A workflow optimized calendar application utilizing the Google Calendar API   *Software Engineer*
- Implemented React and React Router to handle and maintain data structure and achieve seamless client-side routing of data and components and utilized a PostgreSQL database to store and access relational data

WobbleChat 2.0 | Messaging platform utilizing Websockets   *Software Engineer*
- Incorporated Websocket.io to facilitate consistent communication within the application between the designated parties assigned to the chatroom, efficiently handling real-time data

Vacazel | A travel API that accesses geographical locations for vacations based on user searches   *Back-End Engineer*
- Implemented SQL backend logic to create relational tables to make travel tips and recommendations based on user locations recommendations and logic to incorporate budget restrictions

PUBLIC TALKS:

Single Sprout Speaker Series | *Adventures in Deno.land*
- A discussion of Deno, a modern runtime for JavaScript, the state of the project, and how it addresses weaknesses of Node.js

PRIOR EXPERIENCE:

Quad Recording Studios | Audio Engineer   2010-2015
- Prolific audio engineer with years of experience with artists of all types. Able to work in a live setting or studio setting. Served as resident audio engineer on various projects, managed and recorded sessions for major recording artists such as Jamie Foxx, T.I, KRS-ONE. fully adaptable to working in all different sorts of environments.

EDUCATION:

School for Audio Engineering - New York, NY   *Certified Audio Engineer*
Virginia State University - Petersburg, VA   *Coursework in Audio Engineering*

INTERESTS:

My pitbull, Onyx, and morkie, Cody, producing music and listening to all musical genres, basketball, football, fantasy football, baseball, track & field, Xbox gaming, family reunions, gardening vegetables and spices