Eric Amrhein

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SKILLS

JavaScript, ES6, Node.js, Web Design, React/Redux, Ruby, Rails 5, R spec, jQuery, SQL, Git PostgreSQL, Express JS, Mongoose, MongoDB, HTML5, CSS3, Software Engineering

PROJECTS

Mindfulnote | *(React, Redux, Rails, Quill, SASS)* A single-page Evernote clone.   **Live** | **GitHub**
- Built a secure integrated login system using Ruby on Rails as a backend API. Implemented form validation and safe password handling, utilizing hashing and salting (Bcrypt).
- Developed a rich-text editing system. Created a React form component and integrated the Quill rich-text library. Patched in smart auto-saving and state change handling.

StockNFO | *(React, Recharts, Styled-Components)* A responsive stock research application.   **Live** | **GitHub**
- Batches together several API calls to pull financial market data. The data is then parsed and stored in a flat state using Redux state management. Utilized functional React Components and hooks to handle asynchronous fetching (Fetch API).
- Built a responsive line-chart using Recharts.js to visualize stock market history. The chart dynamically renders based on the period. It is also responsive based on user screen size.
- The search element populates based on both stock name and stock symbol inputs. And gives the top six results. The user can access the search element both from arrow keys and mouse inputs.

TravelStory | *(React/Redux, Express.js, Node, and MongoDB)* A mobile-first story sharing application**.**   **Live** | **GitHub**
- Designed and implemented a NoSQL database. Utilizing Mongoose and MongoDB to create a schema has embedded references. This reduces the number of data queries that are necessary to fetch data.
- Managed the merging and integration of GitHub feature branches, integrating several features. Managing the connection between the client and the server.
- Integrated Amazon Web Services (AWS) cloud to handle image uploading and storage on an S3 bucket.

EXPERIENCE

Software Engineer

CoAchieve.co   Feb 2020 - Present
- Built out a single page application that allows a user to create many recurring Evenbrite events using their API.
- Built a graphql schema, integrating a NoSQL database with a third-party API. This allows the client to seamlessly access the client as if it were one API.
- Implements a detailed form that handles basic info, scheduling, details and handling tickets.

Electrician

All Bay Electric Company   Jul 2014 - Jun 2019
- Managed construction teams in building and remodeling multi-million dollar homes, organizing a team to meet county and city construction ordinances and building regulations.

Inventory Specialist

Orchard Supply Hardware   Oct 2009 - Nov 2018
Managed construction teams in building and remodeling multi-million dollar homes, organizing a team to meet county and city construction ordinances and building regulations.

EDUCATION

University of Phoenix - *BS Information Technology 2011-2015*

App-Academy - 2019 1000-hour immersive full-stack web development intensive with < 3 % acceptance rate