

Raymond Nehring

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Skills JavaScript, React.js, Redux.js, Python, Flask, SQLAlchemy, HTML5, CSS3, Git, PostgreSQL

Projects

Full Stack - ScareBnB (JavaScript, React / Redux, Python / Flask, HTML5, CSS3, PostgreSQL)

[Live Site](#) | [Github](#)

AirBnB clone that allows users to post haunted locations and leave reviews on posted locations.

- Custom back-end validations and queries, configured using **Flask** backend with **PostgreSQL**, using **SQLAlchemy**.
- Designed dynamic selections with **Javascript** algorithms based on user selections to filter queries on front-end to reduce unnecessary server calls.
- Ensured user privacy through frontend and backend authorization and validation to ensure data integrity.
- Developed flux architecture via **Redux** to create a site-wide store of information to eliminate redundant server calls and efficiently render data across **React** components.

Full Stack - Friendstagram (JavaScript, React / Redux, Python / Flask, HTML5, CSS3, PostgreSQL)

[Live Site](#) | [Github](#)

Instagram clone that allows users to interact with posts from other users.

- Incorporated **Flask** backend, using **SQLAlchemy** for back-end validations and queries.
- Created custom **SQL** queries to extract data from multiple tables at once to avoid multiple queries and optimize load time.
- Implemented live search feature to populate a list of users dynamically depending on input keyword.

Full Stack - Meowr (JavaScript, React / Redux, HTML5, CSS3, Express.js, PostgreSQL)

[Live Site](#) | [Github](#)

Flickr clone that allows the posting of cat images.

- Configured the **Express.js** backend with **PostgreSQL**, using **Sequelize** for custom queries.
- Dynamically updated comments section using **Redux** state management to render new information to enhance user experience.
- Implemented **JSON Web Tokens** with **passport.js** to authenticate and authorize user accounts, by passing in specific middleware in my backend routes.
- Utilized custom **SQL** queries to extract data from multiple tables in a single query to reduce server load.

Full Stack - SnackOverflow (JavaScript, Pug, HTML5, CSS3, Express.js, PostgreSQL)

[Live Site](#) | [Github](#)

Stack Overflow clone that allows users to interact with and create posts involving cooking.

- Designed the **Express.js** backend with **PostgreSQL**, using **Sequelize** for back-end validations and queries.
- Custom **SQL** queries to populate questions feed based on recently interacted posts being displayed first to show the newest information.
- Introduced mobile optimization using media queries to enhance user experience and interface on small/mobile screens.

Experience

Arkansas Community Corrections

Parole Officer

Nov 2019 - Jan 2021

- Completed detailed official court documentation and arrest reports on a strict timeline to provide public safety.
- Supervised 150+ monthly caseload that required the utilization of disciplined time management and prioritization to enforce law and order.
- Awarded officer of the quarter for taking on multiple roles in different departments due to staff shortage to offset turnover.
- Cooperated in a close team setting to maximize daily operations in a high-stress environment.

Arkansas Department of Corrections

Correctional Sergeant

Mar 2016 - Nov 2019

- Oversaw a team of 20+ employees during daily operations to ensure the safety of staff and inmates at the unit.
- Led emergency response teams for any emergency calls taking place on the compound to de-escalate any potentially dangerous situations.
- Trained new officers during their probationary period as a field training officer, to ensure best practices were upheld.
- Completed daily disciplinary reports on a strict timeline in order to maintain quality records and track inmate progress.

Education

App Academy

July 2021 - Jan 2022

Immersive software development course with focus on full stack web development.

Ozarka College

Associates - Criminal Justice and Corrections

May 2014 - May 2016