HAZEL GUZZETTI
Software Engineer

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ABOUT

1 year of experience in software engineering. Highly skilled and detail-oriented developer with a strong desire to grow and improve. Deployed a production-ready application in one sprint. Proven success in fast-paced and intense environments with an ability to quickly adapt to new technologies.

Looking to deliver excellent software engineering skills in Javascript / Python / SQL.

SKILLS

LANGUAGES: Javascript, Python, HTML, CSS, SQL
FRAMEWORKS: React, Redux, Flask, SQLAlchemy, Express, Sequelize
TOOLS: Heroku, MySQL, PostgreSQL, SQLite3
OTHER: Pair Programming, Data Structures & Algorithms, Object-Oriented Programming, Time Management

PROJECTS

FLASHSCAPE   (ReactJS, Redux, Javascript, Python, Flask, SQLAlchemy)   Live | Github
Flashscape is a clone of the flashcard app "Brainscape'' allowing users to create flashcards to study from. Users may create decks to group together cards, and classes to group together decks.
- Integrated ReactRouter and Flask-Login to implement user authentication and authorization, allowing users to only access and change resources when permitted
- Built a simple and reusable modal framework using React / Javascript to allow for DRYer code and a smooth UI / UX experience with dynamic feedback for errors
- Utilized normalized Redux State to allow for performant and scalable rendering and data manipulation
- Designed an optimized database using SQLAlchemy / MySQL / PostgreSQL to allow for efficient storage and retrieval of data

NOTYELP (ReactJS, Redux, Javascript, Python, Flask, SQLAlchemy)   Live | Github
NotYelp is a clone of the website "Yelp" for pizza places, made by a group of four developers. Allowing users to create and view various pizza businesses, leave reviews for a business, and leave a "like" rating.
- Employed the unidirectional state management of Redux to simplify React components and directly manage data for form inputs and form submissions
- Implemented custom search using Redux allowing users to quickly and easily locate specific businesses by name
- Constructed wireframes, API routes, as well as a database schematic alongside three developers, allowing for a mutual understanding of the expected flow of data and components
- Revised several React components and the Redux store to optimize loading as well as improve consistency throughout the codebase

FLAIRBNB (ReactJS, Redux, Javascript, Python, Flask, SQLAlchemy)   Live | Github
Flairbnb is a clone of the website "Airbnb" allowing users to create and view various "Spots" or homes as well as leave reviews.
- Applied AWS S3 API across application, allowing users to easily upload images directly to a secure external database, rather than via URL
- Created RESTful API Routes that supplied information from a database to a React and Redux front-end
- Validated user input using both front-end and back-end validators preventing faulty user input from reaching the database
- Overhauled application's CSS using media queries to ensure responsiveness on various screen sizes

EDUCATION

Web Development - *App Academy | May 2022 - October 2022*
- *Immersive software development course with <3% acceptance with a focus on full stack web development*

GED | *January 2021*