

Brian Lego

Full-Stack Software Engineer

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TECHNICAL PROJECTS

QuizCard

[LiveSite](#) | [GitHub](#)

A study aid application using Quizzes and FlashCards.

- Created React frontend with reusable components
- Designed and built a relational data model using a Rails API backend with RESTful endpoints
- Utilized JSON Web Tokens and HTTP cookies to store encrypted user information client-side
- Implemented Redux to allow for easy manipulation of global state
- Integrated AWS-s3 services to easily store and track images uploaded by users

!facebook

[LiveSite](#) | [GitHub](#)

A social media clone that allows users to 'follow' friends, make posts, and comment on friend's posts.

- Built a React frontend with routing using React-Router
- Architected a Rails' API following RESTful convention.
- Utilized Rails' Active Storage in conjunction with AWS-s3 to allow for user upload of images.
- Integrated Action Serializers for customized API responses

Cocktail Companion

[LiveSite](#) | [GitHub](#)

A single page application which allows users to search cocktails based on ingredients.

- Created using Javascript to exploit and optimize an object oriented design pattern.
- Designed and constructed a Rails backend with PostgreSQL database
- Built custom parser to integrate data from third-party API
- Custom styling with basic CSS & JS event listeners for manipulation

MixHub

[LiveSite](#) | [GitHub](#)

A playlist creator for users to document DJ's tracklists at live events.

- Designed and created using an MVC pattern with Ruby on Rails
- Implemented Devise for user authentication
- View templates written using ERB for full-stack Rails integration

SKILLS

Frontend: Javascript, React, Redux, HTML, CSS, ERB, EJS

Backend: Ruby, Rails, Node.js, Express

DB/Tools: AWS - s3, SQL, PostgreSQL, MySQL, MongoDB, GitHub, Git, Object-Orientation (Mapping)

EDUCATION

Flatiron School **Manhattan, NY**
Software Engineering 10/2020

Florida State University **Tallahassee, FL**
BFA - Musical Theatre 06/ 2015

PREVIOUS EXPERIENCE

Carnival UK **Southampton, UK**
Singer/Dancer 06/2018 - 02/2020

- Collaborated within a cast and with team members to perform a full-scale production show
- Interacted with guests on a personal level to provide pleasant experiences onboard
- Facilitated safety trainings by directing guests on safety protocols

Celebrity Cruises **Miami, FL**
Dancer 09/2015 - 05/2016

- Worked within a cast to perform 3 full scale production show
- Taught ballroom dance classes to guests by instructing and demonstrating appropriate level steps
- Assisted in ship operation as directed by upper management