

JONATHAN RHYMES [Software Engineer]

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MongoDB, Express, React, Node.js, jQuery — Developed an app named [Springs.ly](#) to accomplish the goal of building a Single-Page Application on the MERN stack, using RESTful routes and a Model-View-Controller pattern, which allowed me to connect my interest in Florida springs to web development. By seeding data, I devised a unique collection of popular swimming spots around the state, which features facts and photos on a jQuery carousel. Contains the architecture for User Authentication, hashed and salted passwords, as well as Sessions that permit unauthorized users to view (but not edit), Index and Show pages.

MongoDB, Express, React, Node.js, Sass, Flexbox — A collaborative project titled [/B/ookmark'd](#), which bisected my and my colleague's concerns into Front-End and Back-End, and consequently tested our knowledge of Github branches and merge conflicts. The application grants users the flexibility to add, edit, update or delete bookmarks of their favorite websites. Constructed as a React app, it accomplishes making API calls by implementing the async/await means by which information is mapped onto new list items in an unordered list. Employs a separate Forms page, which sets and changes React State, plus a Sorting algorithm to keep items alphabetized.

Ruby on Rails, PostgreSQL, Sass, Bootstrap 4 — As part of our final project for General Assembly, all participants were asked to design an app using a technology not previously covered in the program. Having heard the tech mentioned repeatedly in online forums with a decidedly catch name, I decided to tackle Ruby on Rails. Following a self-disciplined course of action, I implemented a blog called [deBlogsio](#) that comprises RESTful routes. Utilizing the PostgreSQL database arising from the back-end, users can add, update or delete posts, as well as comment on other users' posts. It is deployed on Heroku.

React Native, Expo Go, Axios, API — Designed for [DeveloperWeek 2021 Hackathon](#) in coordination with two teammates, this mobile app attempts to integrate Netflix, Amazon Prime and Hulu accounts into one, easy-to-use place. Though we fell short of achieving these aims by the end of the hackathon, we were able to present a working model, which accesses a movie API and return movie titles, actors and plots and then injects JSON data into our app.

SKILLS

Programming: HTML / HTML5, CSS / CSS3, SASS, Bootstrap, JavaScript ES6, jQuery/AJAX, RESTful APIs, React / ReactJS / React.js, AngularJS, PHP, Ruby on Rails, Python, React Native, Expo Go, NodeJS / node.js, Mongoose, MongoDB Atlas, SQL, PostgreSQL, Git/GitHub, Scrum/Agile methodologies, Visual Studio Code, Zoom, Slack, Microsoft Teams, Google Meet, Trello, Time Management, Communication, Collaboration, Problem Solving, Critical Thinking, Integrity

EXPERIENCE

General Assembly — Software Engineer, Fellowship

April - July 2020

- 500+ hours dedicated to an immersive and full-stack web development bootcamp.
- Engineered 10+ applications with clear and detailed code on both a collaborative and individual basis within 12 weeks, which was taught by senior developers remotely, in a simulation of real-world professional environments.
- Responsible for the Software Development Life Cycle of all applications.

EDUCATION / CERTIFICATIONS

Udemy — JavaScript Algorithms and Data Structures Masterclass

2021

General Assembly — Software Engineer, Fellowship

2020

University of Pennsylvania — Bachelor of Arts (majors: English, Cinema Studies)

2006