

Overview

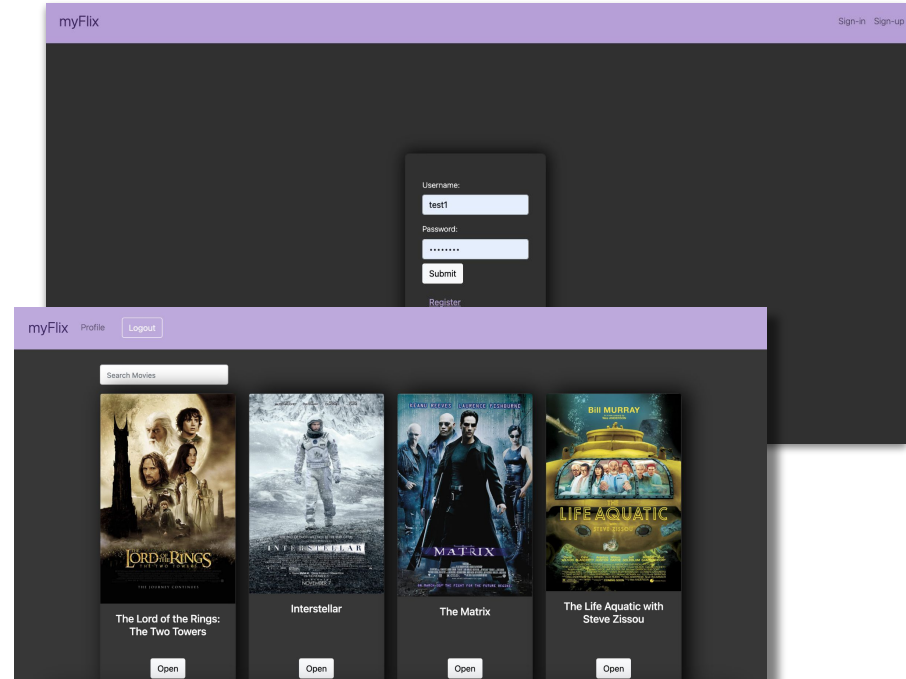
myFlix is a single-page web application that provides users with information about movies, directors and genres in responsive and rich UI components via react-bootstrap.. Users are able to sign up, update their personal information, and create a list of their favorite movies.

Purpose & Context

myFlix is a project I built during my Full Stack Web Development course with Career Foundry. It showcases my ability in database deployment and JavaScript.

Objective

The aim for the project was, using the MERN stack, to build a server and client-side web application, all from scratch.



[Demo](#)

Server-Side

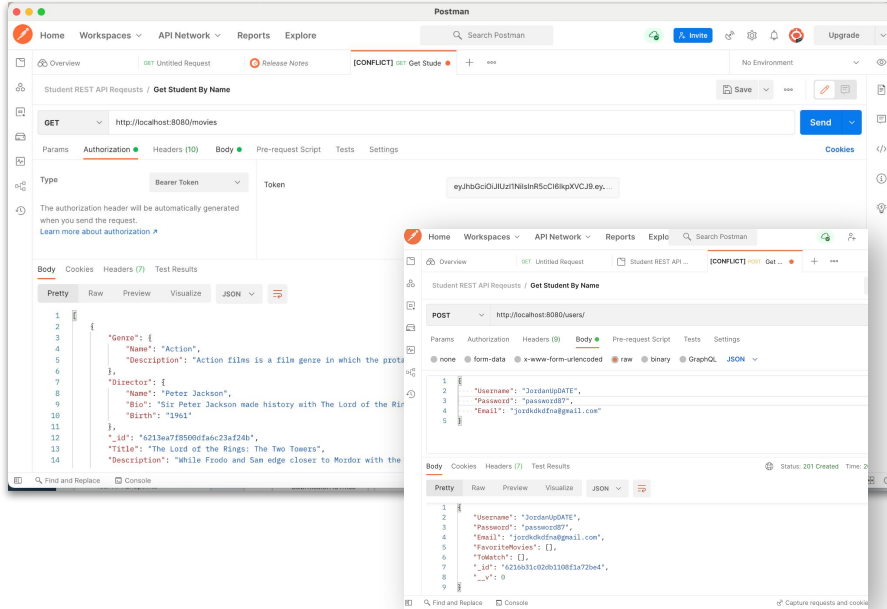
Using Node.js and Express, I created a RESTful API that is hosted with Heroku and makes call to the MongoDB database. The API can be accessed via HTTP request and responses in JSON format. Both basic HTTP and JWT authentication were used to authenticate and authorize users. I used Postman to test endpoints and user authentication and authorization.

[Server-side code](#)

Client-Side

Using React and Redux, I built the client-side, user interface of the project. The interface includes a login view, registration view (if not previously registered), a main view of all movies, single movie view (showing data about a selected movie and where users can further view info on director or genre via a modal) and a profile view (where users can view their account info, update info and view list of favorite movies).

[Client-side code](#)



Challenges

This project brought on the most difficult yet most rewarding challenges. Building the API and assigning endpoints, along with providing documentation, prompted an area I had never encountered. I also faced challenges with learning and implementing React and Redux. Fortunately, with the expert help from my Tutor, Mentor and friends in the industry, I was able to successfully achieve the objectives of the project.

Duration

This project took me roughly two to three times longer to completely compared to the other projects in my Full Stack Web Development course. Understand state and props in React along with reconvertng the applications state to Redux were the culprits for the timeline.

Credits

Tutor: Francis Kim

Mentor: Vinicius De Antoni