

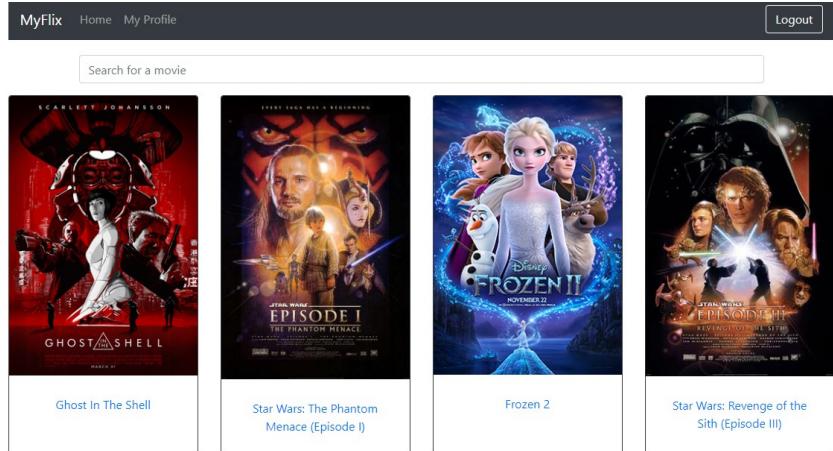
My Flix Movie APP



OVERVIEW

MYFLIX IS A RESPONSIVE, SINGLE PAGE APP THAT DISPLAYS A LIST OF MOVIES AND ENABLES USERS TO SEE MORE INFORMATION ABOUT THE MOVIE, THE GENRE AND THE DIRECTOR.

USERS CAN REGISTER, LOGIN, LOG OUT AND CREATE A LIST OF FAVORITE MOVIES STORED IN THEIR PROFILE ACCOUNT.

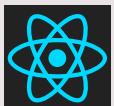


GOAL

This is a personal project to create a safe, inclusive and responsive movie app using the skills acquired during the full-stack web development course at career Foundry and showcase both front-end and back-end web development skills.

TECHNOLOGY

FRONT-END



BACK-END



- React- the framework used for this project that holds the logic and defines the view of the app.
 - Javascript- language used to set up the functionality of the app.
 - Bootstrap and CSS- used to style the app
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- Node and Express- used to create the RESTFUL api and defined the logic for CRUD operations and the app's endpoints
 - MongoDB- the database that holds movie and user information
 - Postman- used to test the CRUD
 - Heroku- used to deploy the back-end of the app

CONCERNS AND SOLUTIONS

DATA SECURITY

Data security is one of the most top things to have in mind when building an app. It is important to make sure that the users are safe to use the app, without worrying that their data might be stolen with malicious intent.

To ensure data security, I included user authentication and authorization code in the form of basic HTTP authentication and JWT authentication. Users have to create a unique log in, there is a code that only allows users to use the alphanumerical characters, to minimize the probability of anyone trying to inject malicious code in the log in form that may harm the app. Each time the user logs in, they are assigned a JWT token, which expires after a certain period of time. The password is hashed, which reduces the probability of anyone stealing the password data.

Login

Username

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ACCESSIBILITY

No one should be excluded when it comes to accessibility of your app. We should always consider how our apps are perceived by different people and to ensure no one is discriminated because of their abilities or disabilities.

My goal was to create an app that is accessible for everyone. I used contrasting colors so it is easy to read the text and view the content. I made user the app is easy to use- all buttons are highlighted and the app uses an intuitive design. I have also included the alt text on all elements of my apps, so the app is easy to navigate for people who use a screen reader which will read out all elements like buttons, images and decorations.

USER EXPERIENCE

There are so many apps out there now. Due to this competition developers need to ensure their app is not only accessible but also performs well, meaning it is fast, easy to use and is responsive otherwise the user will simply switch to a different app.

To ensure the app performs well, I ensured that all frameworks and libraries I use are reliable, have a big following on github, and are up-to-date. I used best coding practices introduced to us by career foundry, ensuring there is no redundant code, the images are small enabling the fast loading times of the app. I used Bootstrap to make the app responsive so that users can view the app on any device without the app losing on its design. Finally I wanted to give users full control over their account, so I included the edit and delete account buttons in their profile view.

PROFILE DETAILS	
USERNAME	xxx
EMAIL	xxx
DATE OF BIRTH	xxx

SUMMARY

MY FLIX

A MOVIE APP WITH THE LIST OF MOVIES AND HAS MOVIE, DIRECTOR, GENRE, LOGIN/REGISTER AND PROFILE VIEWS. USERS CAN CREATE A LIST OF FAVORITE MOVIES

LEAD DEVELOPER:

VERONIKA ROGATSKAJA

TECH STACK:

MERN

DURATION:

3 WEEKS

This project has been a true test to my skills. Every technology used here was completely new to me and thus I did extensive additional research to make sure I adhere to best coding standards while maintaining the positive user experience.

I made use of all the resources available to me, google, slack community for the course, github community for React I reached out to my tutors and mentors and having had the approval from them, I can confidently say that MyFlix App is a great example of a full-stack project and it strives to highlight and enhance the safety, accessibility and user experience.

