Case Study myFlix-Angular-client

ESRA SALIMOVA

Overview: MyFlix-Angular-client is a web app developed using Angular, Github Pages, TypeScript and Node.js that provides users with access to information about movies, directors and genres. Within this app, users are able to create an account, update their profile and add movies to their favorites.

Purpose&Content: MyFlix-Angular-client was a project I built as part of my web development course at CareerFoundry to demonstrate my skills of full-stack Angular and TypeScript development.

Objective: The aim of the project was building a web application to have a full-stack project I can add to my portfolio web page. The problem I wanted to solve is to recreate client-side for the application using Angular/TypeScript and implementing same API endpoints that I build in React Redux before.
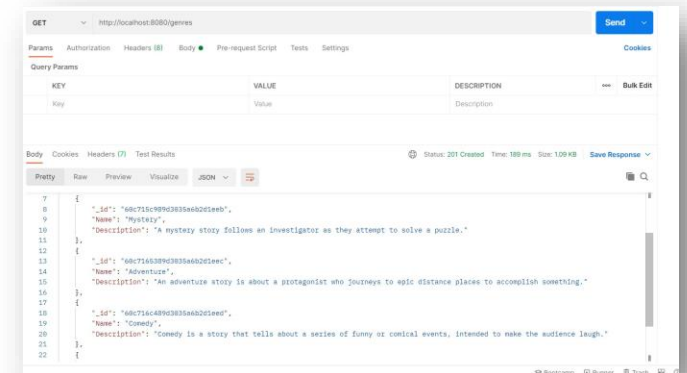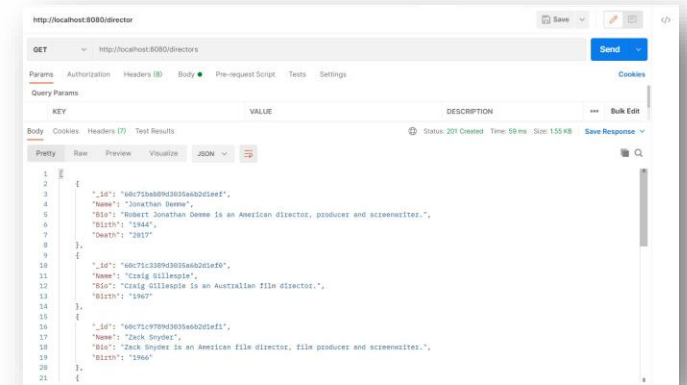
Approach

Server-Side:

The server-side of the application I created in a different project called myFlix API using Node.js and Express that interact with non-relational database (MongoDB). The API can be accessed via commonly used HTTP methods like GET/POST/DELETE to retrive data from and store data in the database.

To test the API, I used Postman. I also included user authentication and authorization code in the form of basic HTTP authentication and Bearer Token.
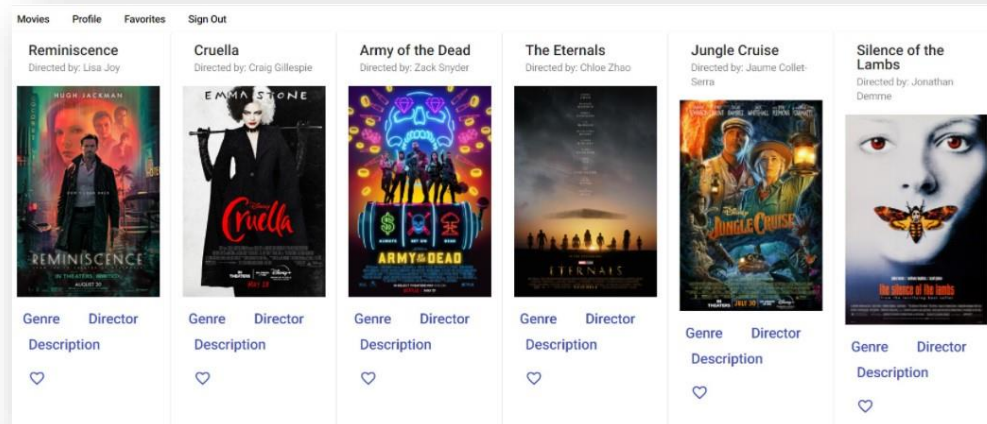
Approach

Client-Side:

MyFlix-Angular-client is a single page, responsive application generated with Angular CLI-ghpages, and TypeScript. It provided several interface views, welcome page (including login and sign up), a main view (shows list of all movies), genre, director and description view (shows data about single genre, director and description of the movie) profile view (where users can update their user data).

Challenges:

- The project was one of my most challenging projects. I enjoyed building the API and working with database structures. It took me time to understand the differences between developing an API endpoints with Angular/TypeScript and React Redux.

- With the help of my Tutor/Mentor, searching the developer blogs to understand meaning of the error, and staying persistent I was able to solve the problem that I have been facing.

- Next steps will include more functionality in the client-side and higher quality UI design to provide the user with a more realistic environment. For that to work more interface views has to be build.

Duration:

Development of the client-side of the project with Angular took me twice as long as it normally took to complete course exercises. It was because I needed time to wrap up my head around the differences between re-writing API endpoint in Angular and React.

Tutor: Blaise Bakundukize   Mentor: Renish Bhaskaran

Code: https://github.com/esrasalimova/myFlix-Angular-client