

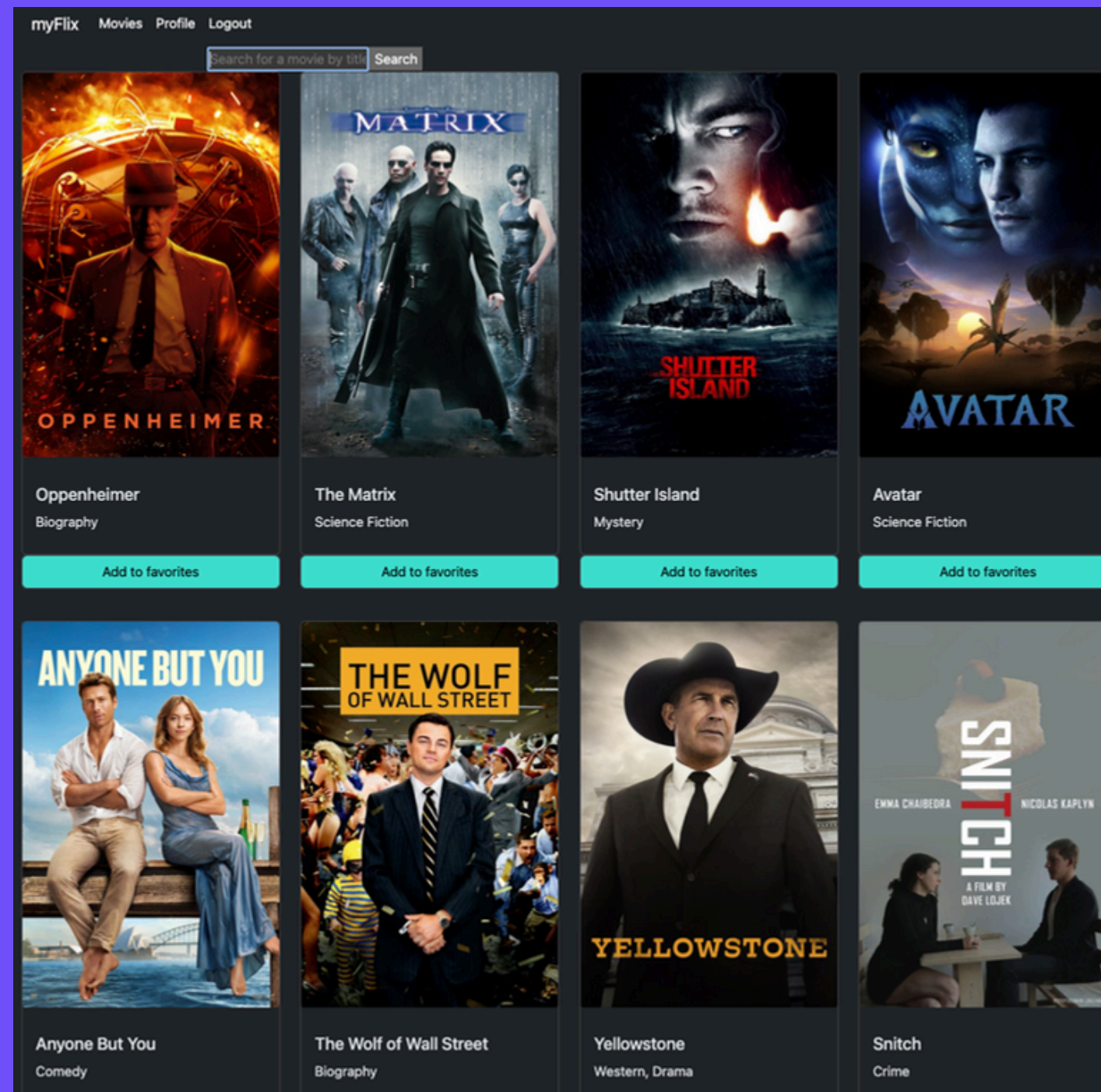


# Case Study for myFlix full- stack project

Presented by: Vadym Makohon

# Project Overview

myFlix is a web application built on the MERN stack, offering users access to comprehensive movie details including information on directors and genres. Users can register, manage their personal information, curate a list of favorite movies, and utilize a search feature to explore movies, genres, and directors.






# Purpose & Context

myFlix originated as a personal endeavor during my web development course at CareerFoundry, serving as a testament to my proficiency in full-stack JavaScript development.

## Objective



The primary goal behind the project was to craft a substantial full-stack application to enhance my professional portfolio. The project aimed to address the challenge of constructing both the server-side and client-side components of the application entirely from scratch, showcasing my comprehensive skills in JavaScript development.





# 🕒 Duration

45 Days

# Credits

Lead Developer: Vadym Makohon

Tutor: Adewunmi Bamishigbin

Mentor: Ndi Selma Ekfvei

# Build with

- React
- Redux
- Bootstrap

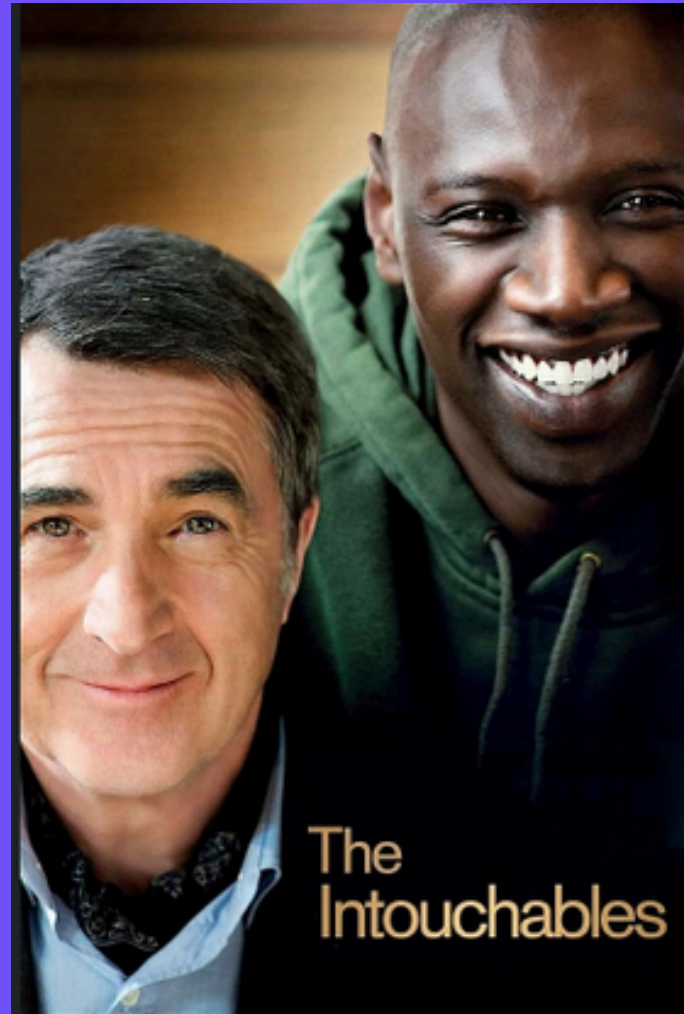
- Netlify
- Heroku
- JavaScript

- Express
- Node.js
- MongoDB

# Approach

## Serverside

I created a RESTful API with Node.js and Express, connecting to a MongoDB database. It uses standard HTTP methods like GET and POST for data interaction and CRUD operations to manage movie data in JSON format.



**Title:** The Intouchables

**Description:** A true story of two men who should never have met – a quadriplegic aristocrat who was injured in a paragliding accident and a young man from the projects.

**Genre:** Drama, Comedy

**Featured:** False

**Director Name:** Olivier Nakache

**Bio:** Olivier Nakache is a French film director and screenwriter. He collaborates with Éric Toledano, and together they have written scripts and directed several films. The most famous is the film The Untouchables from 2011. The film has won several awards at various international film festivals.

**Birth:** April 15, 1973

**Death:** N/A

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# Approach

## Clientside

After developing the API, I built a responsive single-page application using React and React-Redux. The application includes various views such as a movie list, detailed movie pages, login, registration, and profile views. Users can interact with the server-side through this interface, submitting requests and retrieving responses.



**HALLOWEEN**

**Title:** Halloween

**Description:** Laurie Strode comes to her final confrontation with Michael Myers, the masked figure who has haunted her since she narrowly escaped his killing spree on Halloween night four decades ago.

**Genre:** Horror

**Featured:** False

**Director Name:** David Gordon Green

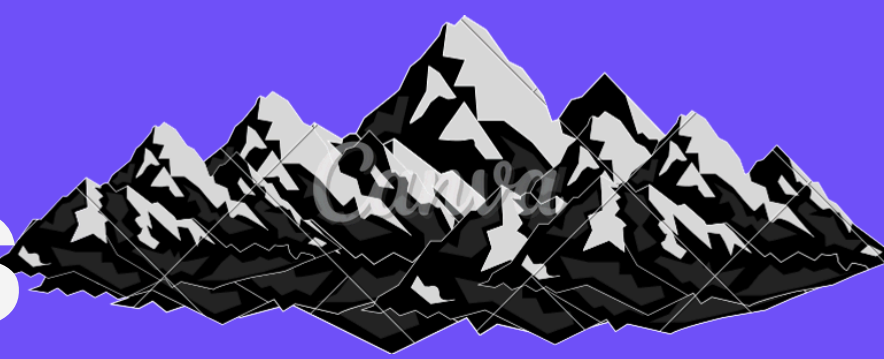
**Bio:** Director, Screenplay

**Birth:** April 9, 1975

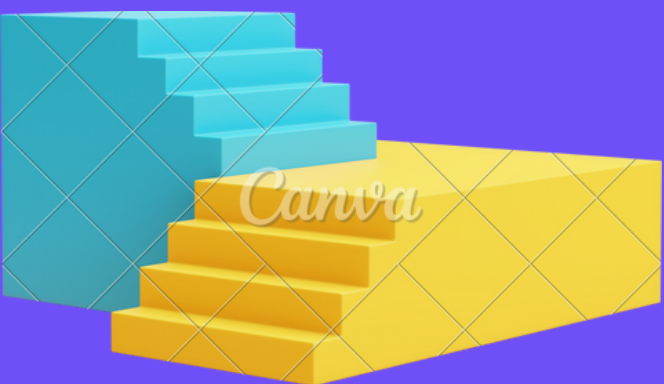
**Death:** N/A

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# Challenges

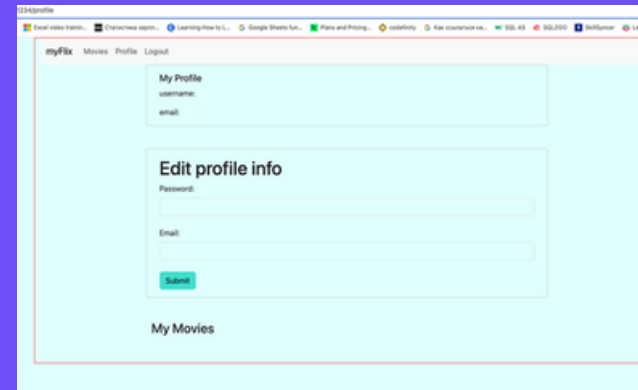


This project was both enjoyable and challenging, becoming my favorite yet most demanding endeavor. While building the API and working with databases was enjoyable, diving into client-side development posed significant challenges as I navigated React and Redux intricacies to achieve desired outcomes.



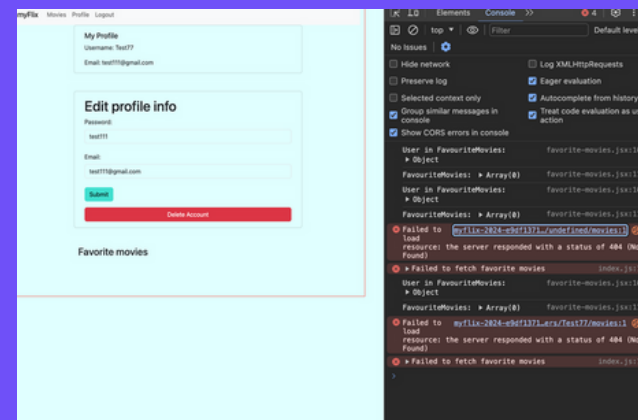
## Logging view

This snapshot depicts the initial stage of my project's development, lacking key features like the search button, with unappealing background color, and scarcely visible navigational bar.



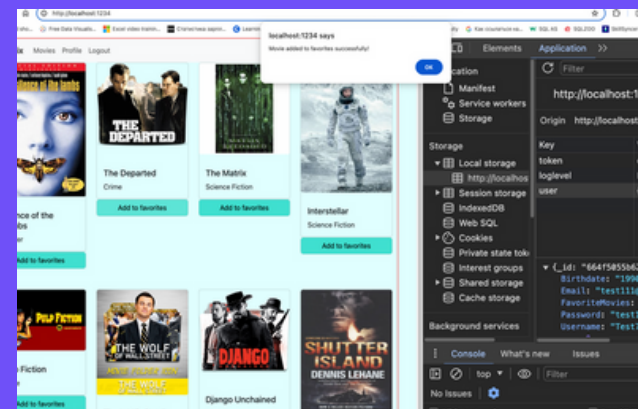
## Debugging

During this phase, debugging consumed the most time. Despite searching extensively online, I couldn't find solutions. Seeking guidance from my tutor and mentor empowered me to resolve issues independently, ultimately triumphing over the challenges.



## Raw but usable project

Just before adding styling touches and ensuring the aesthetic appeal of all movie images, this was the state of my project.



# Summary & Retrospective



The myFlix project was an incredible journey in full-stack development. Despite encountering various challenges, from building the server-side API to designing the client-side interface with React and Redux, overcoming them was rewarding. In hindsight, I would approach certain aspects differently, particularly in project planning and debugging.

Nonetheless, I'm proud of the final outcome and excited about future iterations. I plan to continue refining the project, addressing remaining bugs, and adding features to enhance the user experience.

Overall, myFlix has been a fantastic learning experience, and I'm grateful for the opportunity to showcase my skills and creativity.





# Get In Touch



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