BERTFLIX

Nitish Mishra - 2110992005

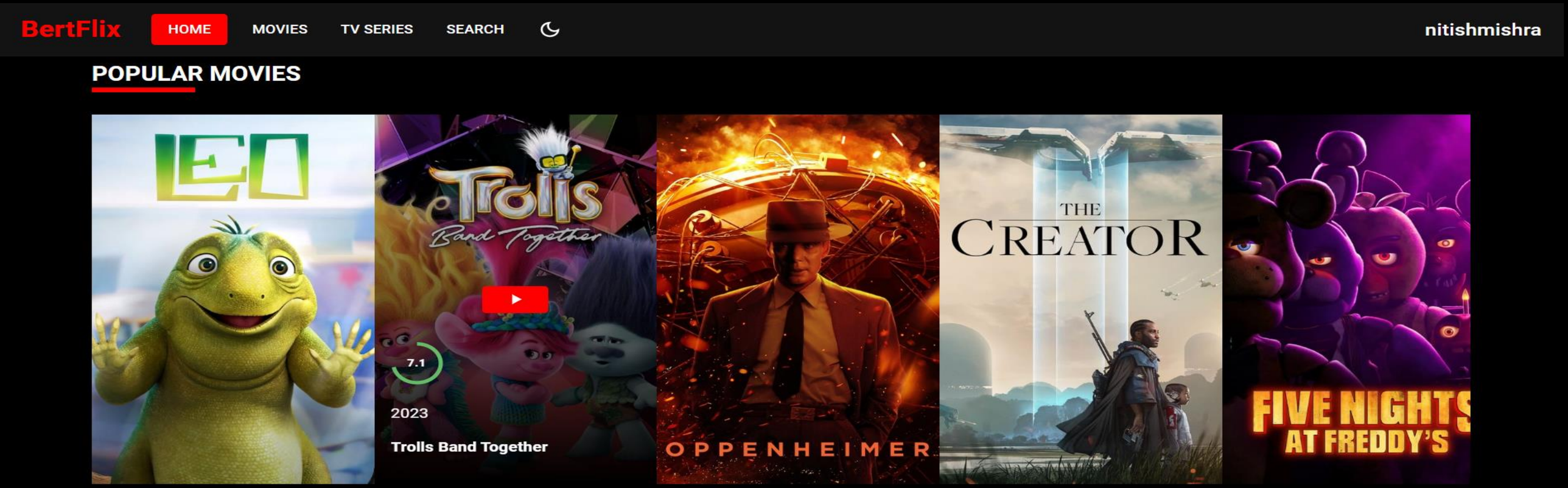
Vishal Pandey - 2110992009

Vishal Yadav - 2110992059

G-19

BertFlix

Fullstack open source movie application made with MongoDB, Express, React & Nodejs (MERN)



What this report covers

01 Configuration and Setup

02 Key Features

03 Technology Used

04 Screenshots

Configuration and Setup

In order to run this project locally, simply fork and clone the repository or download as zip and unzip on your machine.

Open the project in your prefered code editor.
Go to terminal -> New terminal (If you are using VS code)
Split your terminal into two (run the client on one terminal and the server on the other terminal)

In the first terminal

$ cd client
$ npm install (to install client-side dependencies)
$ npm run start (to start the client)

In the second terminal

cd server and Set environment variables in .env
Create your mongoDB connection url, which you'll use as your MONGO_URL
Supply the following credentials

--- .env ---
MONGODB_URL
PORT =5000
TOKEN_SECRET=
TMDB_BASE_URL=
TMDB_KEY=

# --- Terminal ---
$ npm install (to install server-side dependencies)
$ npm start (to start the server)

Key Features

- User registration and login
- Authentication using JWT Tokens
- Add Favorites
- Delete Favorites
- Leave and Delete a Reviews
- Password Update
- Search Live
- Watch the trailer on You Tube
- 404 page and many more
- Skeleton loading Effect and may more
- Dark Mode
- Responsive Design

Technologies Used

01 Frontend

02 Backend

03 Database

04 API

Frontend

- React js - JavaScript library that is used for building user interfaces specifically for single-page applications
- React Hooks - For managing and centralizing application state
- react-router-dom - To handle routing
- axios - For making Api calls
- Material UI - For User Interface
- CK-Editor - Rich Text Editor
- Formik - Manage status and validation of data on forms efficiently
- React Redux - manage application state efficiently and provide a more structured mechanism for managing data
- React Toastify - To display interactive and responsive notifications (toasts) in web applications
- Swiper - To create responsive and interactive sliders or carousels on web pages

Backend

- Node js -A runtime environment to help build fast server applications using JS
- Express js -The server for handling and routing HTTP requests
- Mongoose - For modeling and mapping MongoDB data to JavaScript
- axios - For making Api calls
- jsonwebtoken - For authentication
- cookie-parser - Middleware module used in Node.js web applications to manage cookies
- cors - Provides a Connect/Express middleware
- Dotenv - Zero Dependency module that loads environment variables
- express-validator - Used in Node.js applications with the Express framework to validate data submitted by users (user input)
- nodemon - Development utility for Node.js applications. Node.js is a runtime platform that allows you to run JavaScript on the server side.t

Database

MongoDB - It provides a free cloud service to store MongoDB collections.

API

TMDB API - An application programming interface that provides access to a database of movies, television shows, and related information from The Movie Database platform.

BertFlix HOME MOVIES TV SERIES SEARCH nitishmishra

Movies

POPULAR TOP RATED

BertFlix HOME MOVIES TV SERIES SEARCH nitishmishra

MOVIE TV PEOPLE

harry

nitishmishra

FAVORITES

REVIEWS

PASSWORD UPDATE

SIGN OUT

REVIEWS (0)

n nitishmishra

Write your review

POST