

Front End Developer Interview Task
Documentation

Company Name :

Tech2Edge Technology Solutions LLP

Project Developer :

Annu Sharma

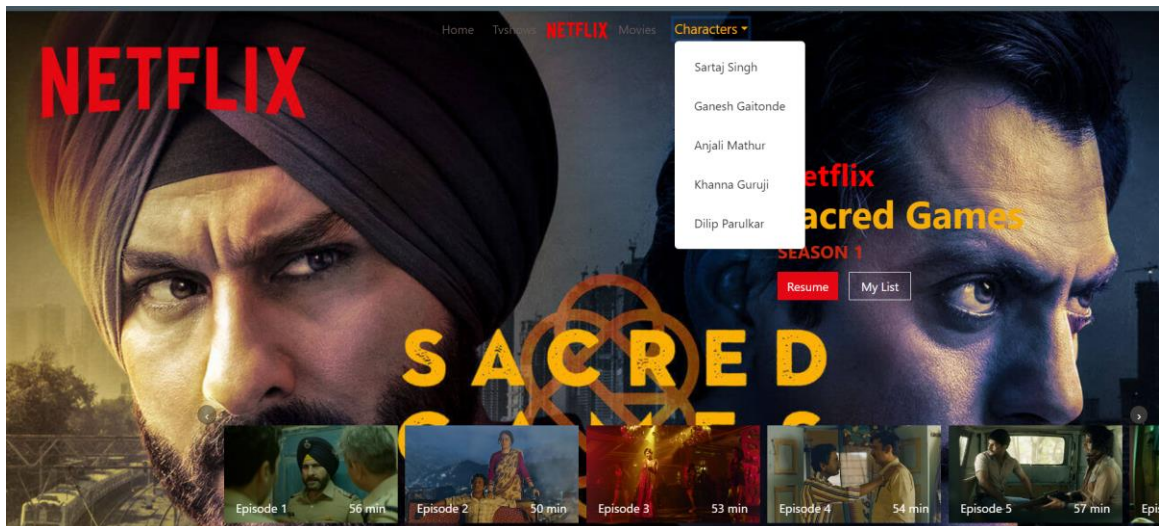
Project Overview

This project is about creating a dynamic front-end web page that highlights details of a TV series. It incorporates a variety of elements such as navigation links, a responsive header, and an episode carousel, all integrated with modern web technologies like HTML, CSS, JavaScript, Bootstrap, OwlCarousel, and jQuery.

Main Features

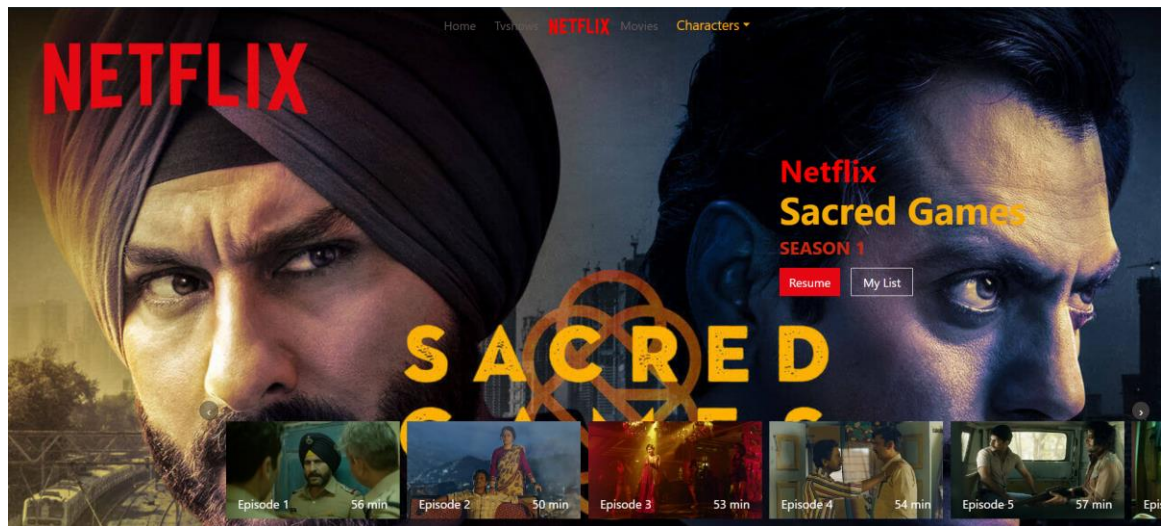
Navigation Menu:

- Contains links to "Home," "TV Shows," and "Movies."
- Includes a dropdown for selecting characters, which triggers a modal to display character information.
- **Output:** Characters Name



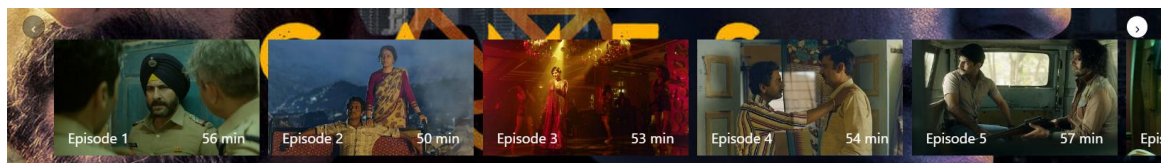
Hero Section:

- Utilizes a full-screen background image that is fetched from an external API.
- Shows the series title and streaming platform information, both retrieved dynamically.
- Features "Resume" and "My List" buttons.
- **Output:** Images and Text which is comes from API.



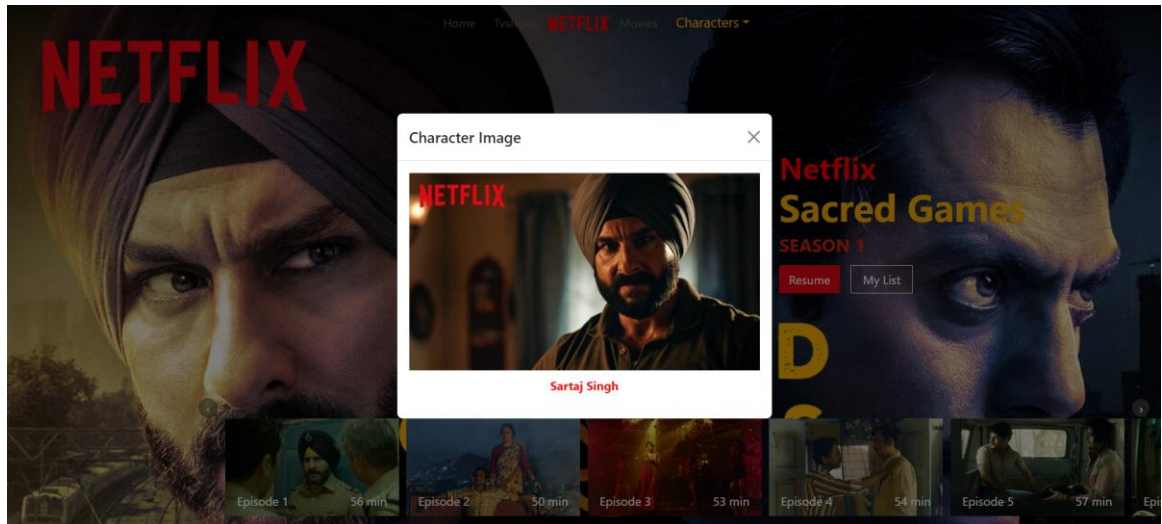
Episode Carousel:

- Implemented using OwlCarousel to create a carousel for browsing episodes.
- Each episode is represented with an image, title, and duration.
- **Output:**



Character Modal:

- Activated by selecting a character from the dropdown menu.
- Displays a modal with the character's image and name, updated dynamically.
- **Output:**



Functionality

- **Dynamic Data Loading:**
 - JavaScript fetches and displays data from an external API to update the page's background, title, and streaming platform.
- **Responsive Design:**
 - The layout adjusts to different screen sizes using Bootstrap and OwlCarousel for a responsive design.

This Website is not fully Responsive Right now

- **Interactive Elements:**
 - The dropdown menu triggers a modal window for character details.
 - The carousel allows users to view and navigate through episodes.

Technologies Employed

- **HTML:** Provides the foundational structure of the web page.
- **CSS:** Handles styling, including custom design elements and Bootstrap integration.
- **JavaScript:** Manages dynamic content updates and interactions.
- **Bootstrap:** Ensures responsive layout and design.
- **OwlCarousel:** Powers the interactive episode carousel.
- **jQuery:** Simplifies JavaScript operations and event management.

Objectives

- Develop an engaging and visually appealing interface for presenting TV series information.
- Incorporate dynamic content updates to reflect the latest data from external sources.
- Achieve a responsive and user-friendly design suitable for various devices.

References

Tools and Websites

1. VS Code, code editor
2. Web Browsers Firefox, Chrome
3. Bootstrap Documentation
4. Owl Carousel Documentation
5. API Usage
6. W3 Schools, YouTube, ChatGPT

My Personal GitHub Link:

<https://github.com/Annu9161>

Links

1. Website Image Refernece : <https://repotech2edge.github.io/tasks/screen/screen.webp>
2. API : <https://repo-tech2edge.github.io/tasks/sample.json>