

Front End Developer Interview Task **Documentation**

Company Name :
Tech2Edge Technology Solutions LLP

Project Developer :
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Project Overview

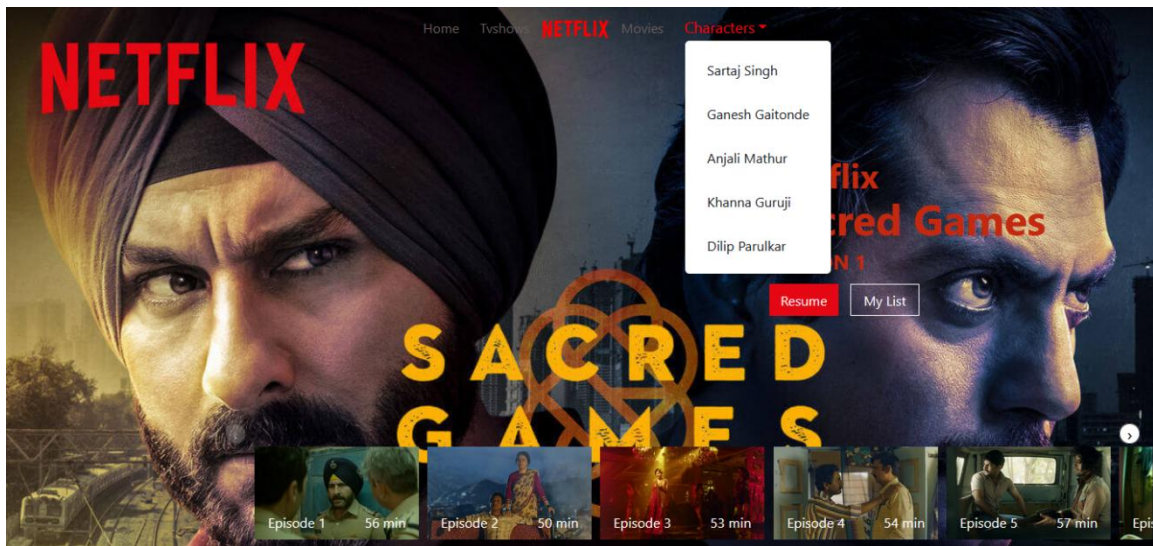
This project involves building a front-end web page to display information about a TV series. The main features include a navigation bar, dynamic content fetching, a responsive header with background images, and a carousel to showcase episodes. The project is implemented using HTML, CSS, JavaScript, Bootstrap, OwlCarousel, and jQuery.

Key Components

Navigation Bar:

1. Contains “Home”, "TV Shows”, “Logo”, and “Movies”.
2. Includes a drop-down menu for selecting different characters, which triggers a modal to display character images and names.

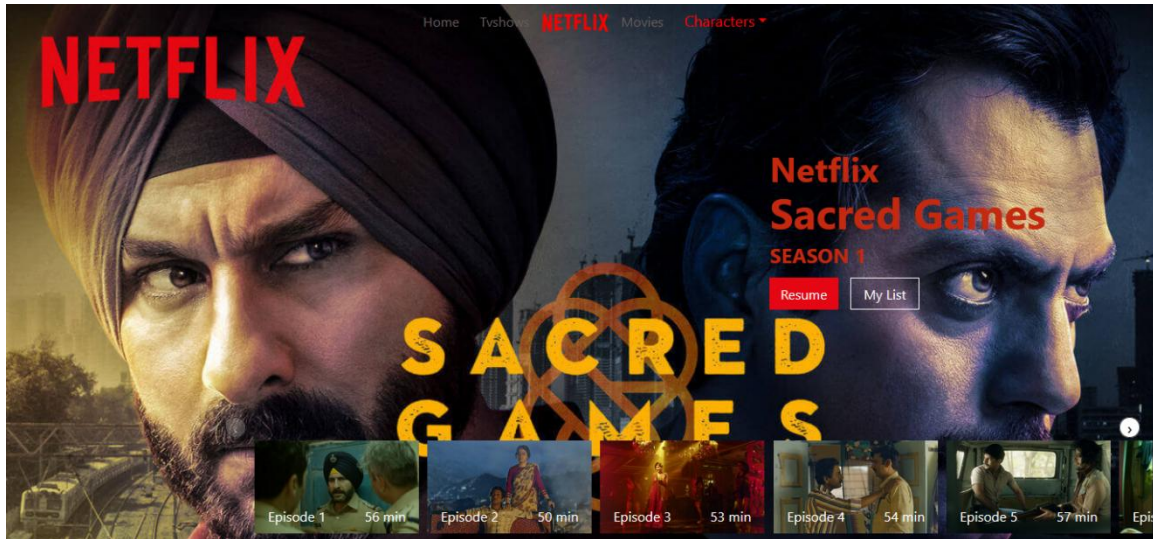
Output: Characters Name



Hero Section:

1. Features a full-screen background image dynamically fetched from an external API.
2. Displays the series title and streaming platform dynamically fetched from an API.
3. Includes buttons for "Resume" and "My List."

Output: Images and Text which is comes from API.



Episode Carousel:

1. Uses Owl Carousel to create a responsive and interactive carousel.
2. Each carousel item represents an episode with an image, title, and duration.

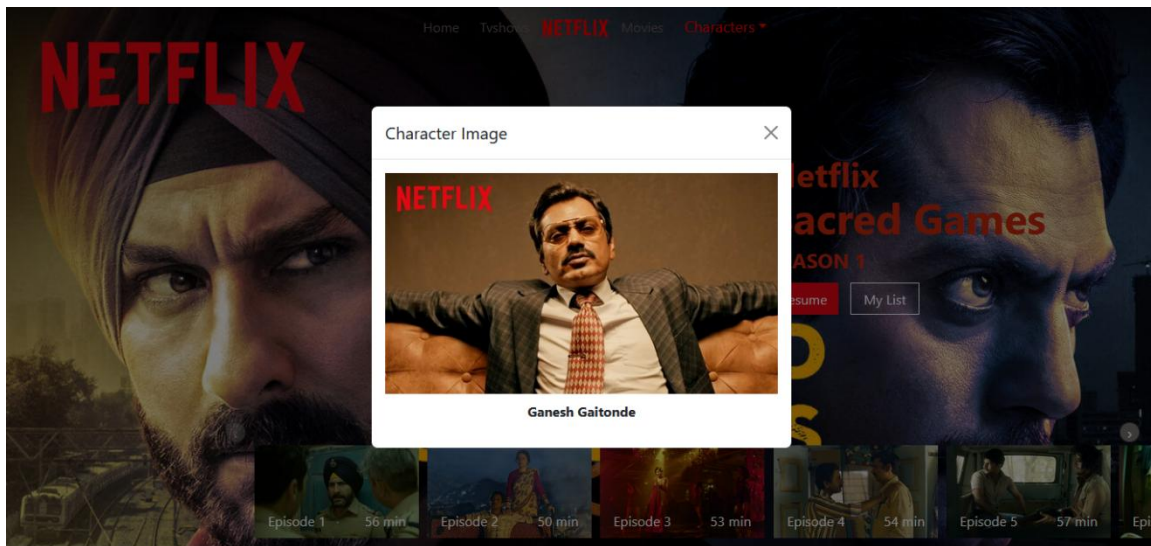
Output:



Modal for Character Images:

1. A modal window that appears when a character is selected from the dropdown menu
2. Displays the character's image and name dynamically.

Output:



Functionality

1. Dynamic Content Fetching:

1. Utilizes JavaScript to fetch data from an external API.
2. Updates the background image, series title, and streaming platform information based on the fetched data.

2. Responsive Design:

1. Ensures the web page is mobile-friendly and adapts to different screen sizes.
2. Uses Bootstrap for responsive layout and Owl Carousel for a responsive carousel.

This Website is not fully Responsive Right now

User Interaction:

1. Drop-down menu for character selection triggers a modal window.
2. Carousel allows users to navigate through different episodes.

Technologies Used

- **HTML:** For structuring the web page.
- **CSS:** For styling the web page, including custom styles and Bootstrap.
- **JavaScript:** For dynamic content fetching and DOM manipulation.
- **Bootstrap:** For responsive design and layout.
- **Owl Carousel:** For creating the episode carousel.
- **jQuery:** For simplifying JavaScript operations and handling events.

Goals

- Create an interactive and visually appealing front-end for displaying a OTT Series.
- Implement dynamic content fetching to keep the page up-to-date with external data.
- Ensure the web page is fully responsive and provides a seamless user experience across different 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

Links

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

My Personal Github Link

<https://github.com/ShantanuVishwakarma67>