Front-End UI/UX Mini Project

# Title Page

* + **Project Title**: Allu Arjun Filmography – Movie review page

# Submitted By:

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  + **Course**: *UI/UX Design Fundamentals*
  + **Instructor Name**: *Ms. Nagaveena .*
  + **Institution**:  *Christ University*
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# Abstract

# This project presents a front-end filmography showcase dedicated to Indian actor Allu Arjun, popularly known as the “Stylish Star.” The website highlights his career journey, movies, and achievements through an engaging and responsive UI. Built using HTML5, CSS3, Bootstrap, and JavaScript, the project combines structure, styling, and interactivity to create an appealing user experience. A splash screen with animation welcomes users, while JavaScript dynamically displays movie cards with details such as year, rating, genre, and summary. The design emphasizes dark mode aesthetics, hover effects, and responsive layouts. The outcome is a visually rich, mobile-friendly portfolio of Allu Arjun’s movies, reflecting modern UI/UX principles and providing fans with an attractive, structured digital filmography.

# Objectives

# Design an engaging filmography website with modern UI/UX.

# Implement a splash screen with smooth transition.

# Dynamically load and display movie details using JavaScript.

# Apply responsive layouts using Bootstrap Grid & Flexbox.

# Enhance user engagement with hover effects and interactivity.

### **Scope of the Project**

* Focuses purely on front-end implementation.
* Includes HTML, CSS, Bootstrap, and Vanilla JS (no backend).
* Works across desktop, tablet, and mobile viewports.
* Dedicated to showcasing Allu Arjun’s films with details and images.
* Excludes database storage or server-side integration.

| **Tool/Technology** | **Purpose** |
| --- | --- |
| **HTML5** | **Content structure & layout** |
| **CSS3** | **Styling, animations, hover effects** |
| **Bootstrap 5** | **Responsive grid system & utilities** |
| **JavaScript** | **Dynamic movie data rendering** |
| **VS Code** | **Code editor** |
| **Chrome DevTools** | **Testing & debugging** |

### **HTML Structure Overview**

* <header>: Title banner of Allu Arjun as “The Stylish Icon.”
* <main>: Dynamic movie cards container.
* <footer>: Copyright text.
* Splash Screen: Intro image with loading spinner.

**CSS Styling Strategy**

* **Dark theme with high-contrast yellow highlights.**
* **Flexbox & Bootstrap Grid for responsive layouts.**
* **Hover transformations on movie cards.**
* **Custom utility classes (.letter-spacing-2, .shadow-lg).**
* **Smooth fade-out for splash screen.**

**Key features**

| **Feature** | **Description** |
| --- | --- |
| **Splash Screen** | **Intro animation with image + spinner** |
| **Responsive Design** | **Works across all devices** |
| **Dynamic Movie Cards** | **Auto-generated via JavaScript** |
| **Hover Effects** | **Interactive animations for better UX** |
| **Themed Colors** | **Black & gold for “Stylish Star” branding** |

**Challenges faced**

| * + **Challenge** | * + **Solution** |
| --- | --- |
| * + **Uniform image sizing** | * + **Used object-fit: cover with fixed height** |
| * + **Splash screen removal** | * + **Applied JS fade-out with CSS transitions** |
| * + **Responsive grid alignment** | * + **Used Bootstrap’s row/col + flexbox** |
| * + **Maintaining dark theme readability** | * + **Balanced contrast with yellow + light gray** |
| **Outcome**   * **Built a visually striking, fan-oriented filmography site.** * **All pages load responsively across devices.** * **Splash screen adds cinematic effect.** * **Gained practical insights into Bootstrap + JavaScript dynamic rendering.** |  |

### **Future Enhancements**

* Add full movie posters + trailers.
* Include search & filter functionality.
* Add dark/light mode toggle.
* Backend integration to update filmography dynamically.
* User login to favourite movies.

# Sample Code Snippets

# HTML

# <div id="movie-list" class="row row-cols-1 row-cols-md-2 row-cols-lg-3 g-4">

# </div>

# CSS

# .movie-card:hover {

# transform: translateY(-8px) scale(1.02);

# box-shadow: 0 12px 24px rgba(0, 0, 0, 0.7);

# }

# JavaScript

# const movies = [

# { title: "Arya", year: 2004, rating: 7.8, genre: "Romance/Action",

# summary: "Breakout romantic action film that established Allu Arjun as a leading actor." }

# ];

# // Dynamically render cards into #movie-lis

# Screenshots of Final Output

# 

# Conclusion

This mini project successfully demonstrates a creative application of front-end technologies to design a thematic filmography website for Allu Arjun. The site combines **HTML structure, CSS styling, Bootstrap responsiveness, and JavaScript interactivity** to deliver a modern fan-centric showcase. Through this project, I learned advanced layout handling, responsive design principles, and dynamic DOM manipulation, strengthening both my UI/UX and JavaScript skills.

# References

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