CHRIST (Deemed to be) UNIVERSITY

FRONT END UI/UX DESIGN FUNDAMENTALS

MUSIC FESTIVAL WEBSITE

Submitted by :

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ABSTRACT

This project is a website designed and developed for the **ShadowPulse 2025 Fest**, a fictional music festival. The key goal was to create an **engaging, interactive, and visually appealing front-end experience** that showcases the festival's lineup, schedule, and ticket booking process. The site was built using **HTML, CSS, and JavaScript**, with the latter providing client-side interactivity, particularly for the booking form. The final outcome is a comprehensive, multi-page website that effectively promotes the event and provides a clear, responsive, and functional ticket booking system, demonstrating key front-end development and client-side scripting skills.

OBJECTIVE

The primary goals of this project were to:

- Design a modern, dark-themed user interface with a neon aesthetic.
- Develop a multi-page, **fully responsive layout** that works on both desktop and mobile devices.
- Implement structured HTML5 semantic elements for a clear content hierarchy.
- Apply CSS styling to create a consistent brand identity, manage layouts, and add visual effects.
- Create a **functional and interactive ticket booking form** that provides user feedback.

SCOPE

The scope of this project encompasses the complete design and development of a static, fully responsive website for weather forecast website. It focuses on **front-end design and client-side interactivity**. In this website there is no **server-side integration** for the ticket booking form; the form's responses are handled by JavaScript on the client side. It is intended for desktop, tablet, and mobile viewports. This website uses pure code with **no external libraries or frameworks**.

TECHNOLOGIES USED

Tool/Technology	Purpose
HTML5	Markup and content structure
CSS3	Styling, layout management, and visual effects
JavaScript (ES6)	Client-side form validation and interactive responses
VS Code	Code editor
Chrome DevTools	Testing, debugging, and responsive design checks

HTML STRUCTURE OVERVIEW

- Used semantic tags: <header>, <nav>, <main>, <section>, <footer>.
- Structured into reusable sections: Hero, Festival Lineup, Event Schedule, Featured Festivals, Latest Headlines, and Ticket Booking.
- Navigation menu using <ul> and anchor links.
- Utilized <a> tags with image containers to create clickable elements for festival and artist links.

CSS STYLING STRATEGY

 Used an **external CSS file** (style.css).

 Organized with comments for clarity.

 Techniques used:

- **Flexbox** and **Grid** for organizing content sections like the artist lineup and news headlines.
- **Media Queries** to ensure a responsive layout on various screen sizes.
- **box-shadow** and **color gradients** to create the distinctive glowing neon effect around images and the booking form.
- **transition** effects for smooth hover animations.
- A consistent color palette of dark gray, black, and vibrant pink for branding.

KEY FEATURES

Feature	Description
Responsive Design	Adapts seamlessly to different screen sizes, from mobile to desktop.
Visual Hierarchy	Uses varying font sizes and a consistent neon glow to draw the user's eye to key information.
Artist & Event Sections	Dedicated sections for festival lineup, schedule, and related news, all with consistent card-based layouts.
Interactive Ticket Booking Form	A styled form with JavaScript for client-side interactivity and user feedback on booking confirmation.
Consistent Branding	A clear color palette and typography maintain a uniform and recognizable look throughout the site.

CHALLENGES FACED AND SOLUTIONS

CHALLENGES:

Maintaining consistent neon glow effect

Aligning content in different sections

Implementing client-side form interactivity

SOLUTION:

Created a reusable CSS class that applied the box-shadow and border styles, ensuring a uniform look without repetitive code.

Primarily used Flexbox to handle the alignment of artist cards, news items, and the footer content, simplifying layout management.

Used vanilla JavaScript to listen for form submission events, validate inputs, and provide an instant user response, enhancing the user experience.

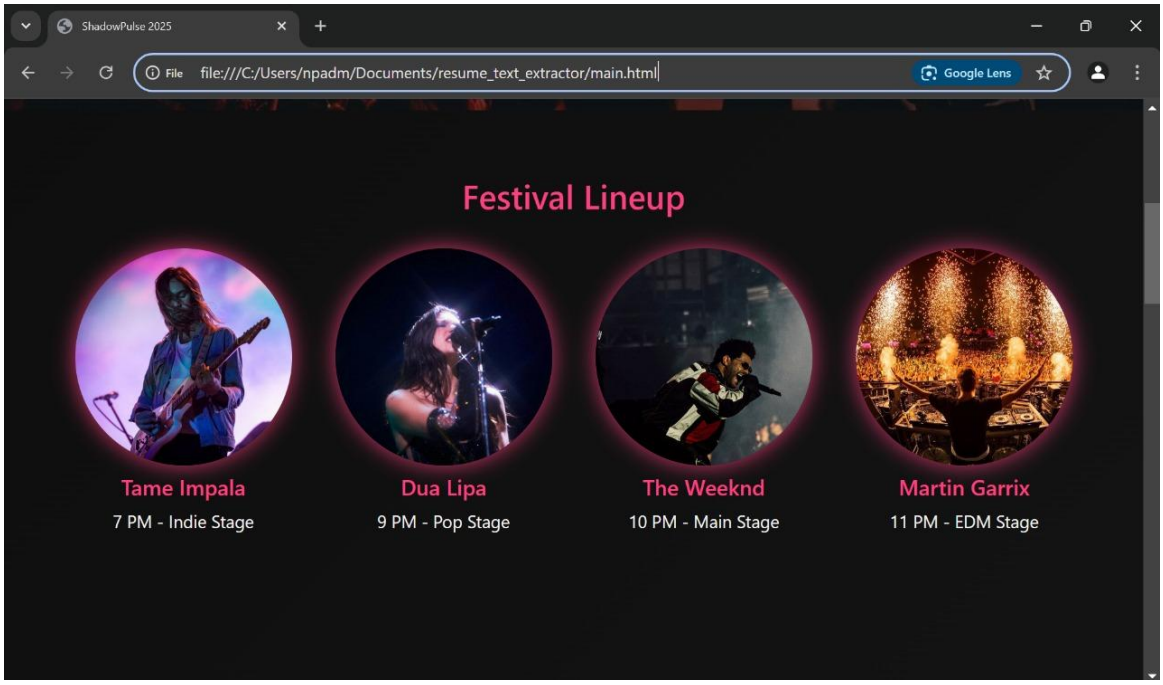
OUTCOMES

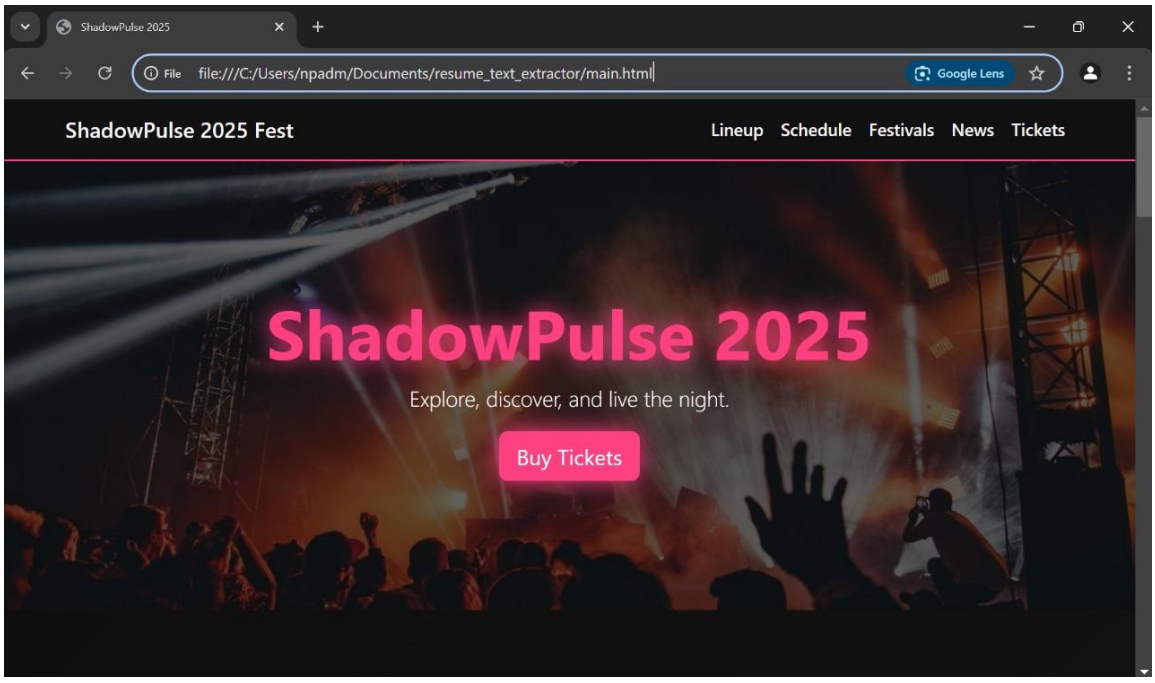
The project successfully delivered a clean, consistent, and visually engaging website. All key components function as intended, and the inclusion of JavaScript for the interactive ticket booking form demonstrates a solid understanding of client-side scripting. The project was a great exercise in **front-end design principles**, including responsive layout, color theory, and UI/UX best practices, with a focus on real-world functionality.

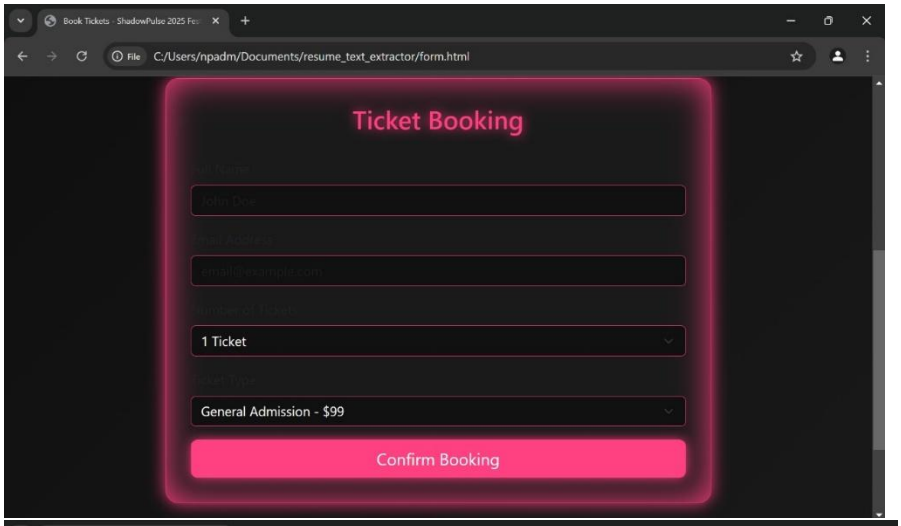
FUTURE ENHANCEMENTS

- **Backend integration** for actual ticket processing and form data storage.
- Add a user authentication system for managing bookings.
- Implement a dynamic schedule that updates in real-time.
- Add a lightbox or modal for image galleries when a user clicks on an artist or festival.

SCREENSHOT OF THE WEBSITE



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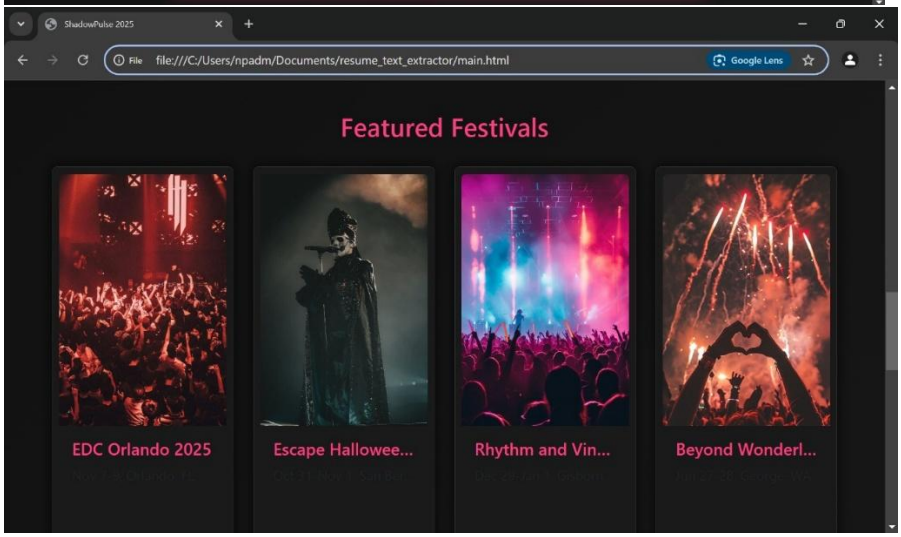
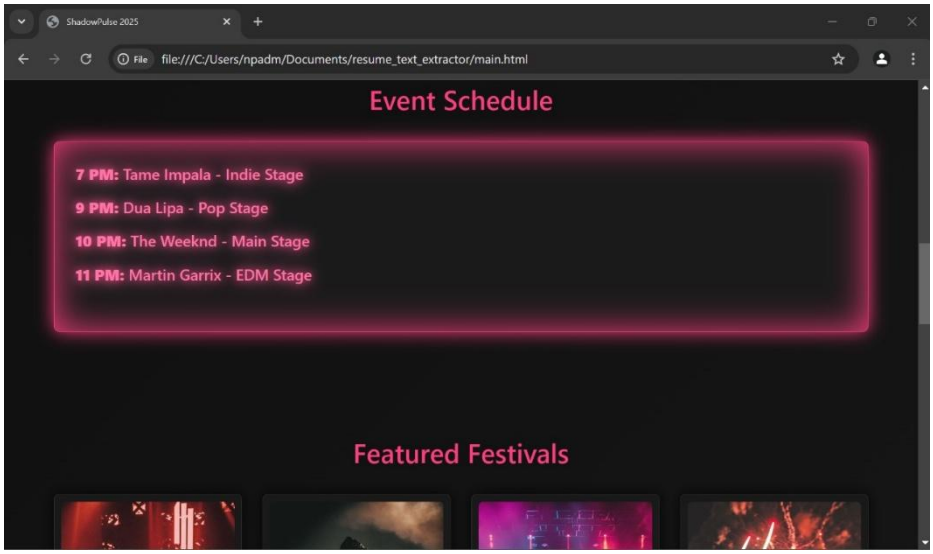
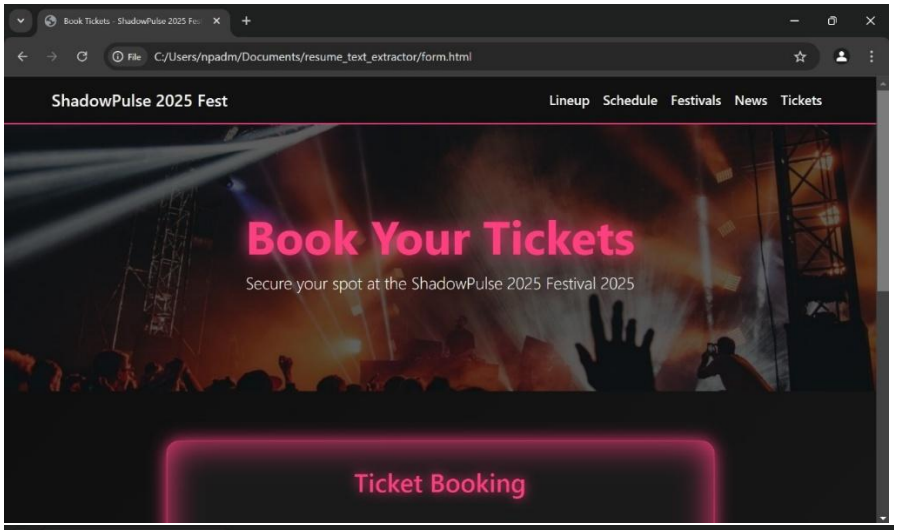
Ticket Booking
Full Name
John Doe
Email Address
email@example.com
Number of Tickets
1 Ticket
Ticket Type
General Admission - $99
Confirm Booking


ShadowPulse 2025
File file:///C:/Users/npadm/Documents/resume_text_extractor/main.html
Google Lens
Featured Festivals
EDC Orlando 2025
Escape Hallowee...
Rhythm and Vin...
Beyond Wonderl...


ShadowPulse 2025
File file:///C:/Users/npadm/Documents/resume_text_extractor/main.html
Event Schedule
7 PM: Tame Impala - Indie Stage
9 PM: Dua Lipa - Pop Stage
10 PM: The Weeknd - Main Stage
11 PM: Martin Garrix - EDM Stage
Featured Festivals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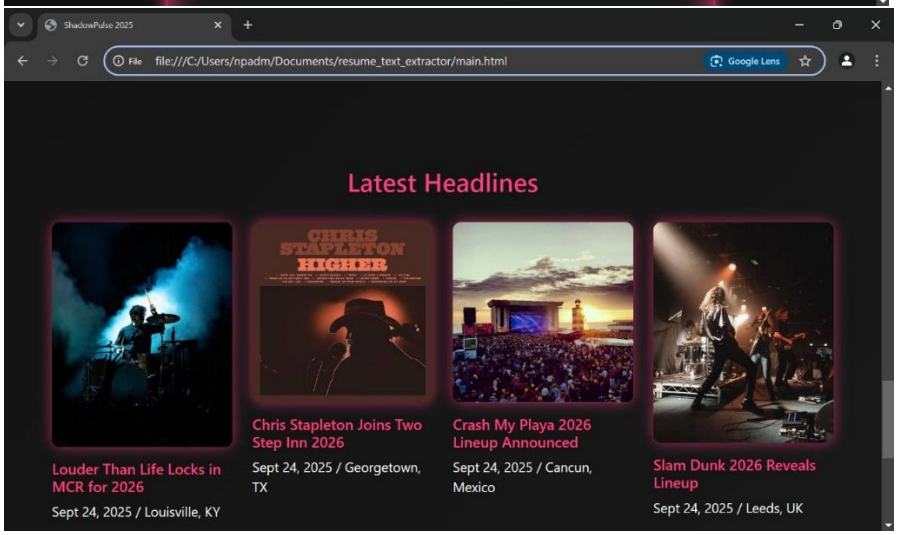
File C:/Users/npadm/Documents/resume_text_extractor/form.html
ShadowPulse 2025 Fest
Lineup Schedule Festivals News Tickets
Book Your Tickets
Secure your spot at the ShadowPulse 2025 Festival 2025
Ticket Booking


ShadowPulse 2025
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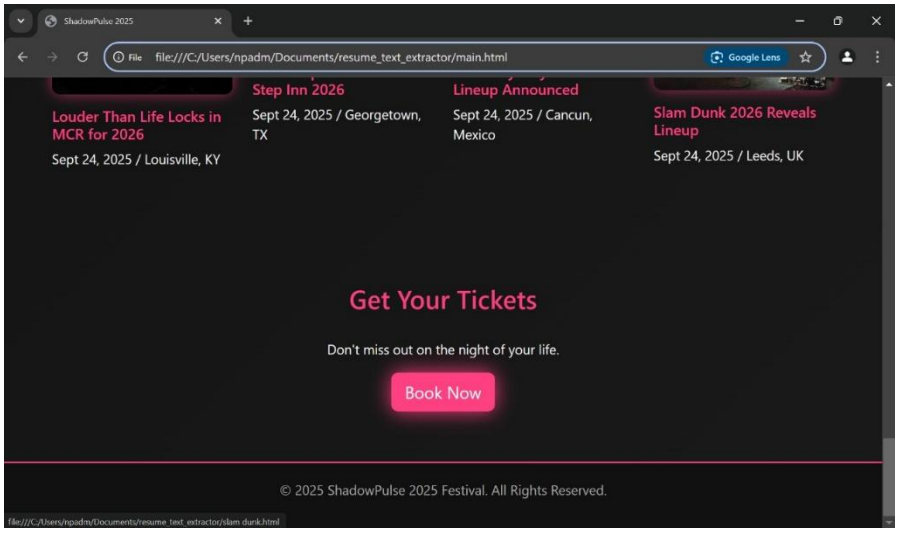
Google Lens
Latest Headlines
Louder Than Life Locks in MCR for 2026
Sept 24, 2025 / Louisville, KY
Chris Stapleton Joins Two Step Inn 2026
Sept 24, 2025 / Georgetown, TX
Crash My Playa 2026 Lineup Announced
Sept 24, 2025 / Cancun, Mexico
Slam Dunk 2026 Reveals Lineup
Sept 24, 2025 / Leeds, UK


ShadowPulse 2025
File file:///C:/Users/npadm/Documents/resume_text_extractor/main.html
Google Lens
Louder Than Life Locks in MCR for 2026
Sept 24, 2025 / Louisville, KY
Step Inn 2026
Sept 24, 2025 / Georgetown, TX
Lineup Announced
Sept 24, 2025 / Cancun, Mexico
Slam Dunk 2026 Reveals Lineup
Sept 24, 2025 / Leeds, UK
Get Your Tickets
Don't miss out on the night of your life.
Book Now
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file:///C:/Users/npadm/Documents/resume_text_extractor/slam dunk.html

CONCLUTION

This ShadowPulse 2025 Fest website showcases our ability to create a professional, aesthetically pleasing, and interactive front-end user interface. This mini-project helped strengthen our foundational web development skills using HTML, CSS, and JavaScript. Practical insights into responsive design, layout structuring, and creating a memorable user interface with a unique brand identity were gained. The hands-on implementation of client-side scripting also enhanced our understanding of user-centric web design and the importance of interactivity.