



Computational Intelligence Research Foundation

13, Ayanavaram Road,
Ayanavaram, Chennai 23.
www.cirf.co.in

Website: GameSpot

July 15, 2024

Name: Tarun S

Register No: 212223040226

Name: Saveetha Engineering College

Department: Computer Science & Engineering

Year of Study: I





Computational Intelligence Research Foundation(CIRF) is a Section 8 company registered under the Ministry of Corporate Affairs, Government of India on August 8, 2017. We're a 12A and NGO Darpan certified company. CIRF Office is at 13,Ayanavaram Road, Ayanavaram, Chennai. Company CIN is U85320TN2017NPL118000.

Dr Doreen Hephzibah Miriam M.E., Ph.D., is the founder and Director of CIRF.

Our Vision:

Contribute to nation building through innovative mentoring and research-driven transformation.

Our Objectives:

We're a research-driven organization focused on providing learning and development and research-outsourcing services to students, researchers, and institutions.

Our Mission:

- Undertake product development activities in emerging thrust areas.
- Support higher education institutions to establish Innovation Ecosystem

- Introduce courses based on the Industry & Societal demands
- Collaborate with Institutions, research and development organizations and Industries.
- Serve the community at large.

Areas of Expertise

Within CIRF, researchers and students design and develop new nature-inspired algorithms to tackle real-world problems, primarily using technologies in the fields of Big Data, Internet of Things, Data Mining, and Artificial Intelligence. CIRF helps companies solve complex problems such as prediction, classification, recommender systems, and segmentation using nature-inspired methods and optimization approaches employed in machine learning to achieve a high level of automation and intelligence.

Departments

CIRF operates through four main departments:

1. Research
2. Web and App Development
3. Software Testing
4. Education and Training

Research

- Focus on funded research projects using optimization techniques.
- Published over 50 research papers in reputed journals and conferences.

Web and App Development

- Development of innovative web and mobile applications.
- UI/UX Design

Software Testing

- Comprehensive software testing services to ensure high-quality products.

Education and Training

- Training on the latest technologies to make students industry-ready and immediately employable.

Collaboration and Community Engagement

CIRF collaborates with various institutions, research and development organizations, and industries to foster innovation and development. The organization also aims to serve the community at large through its initiatives and projects.

Contact Information

- Website: www.cirf.co.in
- Address: 13, Ayanavaram Road, Ayanavaram, Chennai, India

CIRF is committed to driving innovation and research to support national development and address complex problems through advanced computational intelligence techniques.



TO WHOMSOEVER IT MAY CONCERN

This is to certify that Tarun.S of batch : 2023-2027, Department of Computer Science and Engineering, Saveetha Engineering College (Autonomous) has done their inplant training in Web Development at Computational Intelligence Research Foundation (CIRF), Chennai from July 1, 2024 to July 15, 2024

He had worked on a web page titled, "Website: GameSpot". This project involved designing and implementing a user-friendly and responsive web application using web technologies tools such as Vscode, Xampp, Atom etc. In addition, the project emphasized best practices in web development, including responsive design, accessibility, and performance optimization.

During their Inplant training, he had shown keen interest in learning new technologies and had high creativity in developing Web Pages. The above project has been developed under my guidance.

We wish all the best for his future endeavors

**Dr D Doreen Hephzibah Miriam M E., Ph D.,
Director & Founder,
Computational Intelligence Research Foundation (CIRF),
Chennai 600 023.**

Internship attendance position of Tarun.S , B.E (Computer Science & Engineering),
1st year student.

We hereby certify that the attendance position of Tarun.S , B.E (Computer Science & Engineering), 1st year student for the period of May 15th 2024 to June 15th 2024 as follows;

ATTENDANCE SHEET

S.No:	Date	Hours	Topic	Time In	Time Out
1	01/07/24	1.5 Hours	Introduction Web Development	02:00pm	03:30pm
2	02/07/24	1.5 Hours	Working with HTML	02:00pm	03:30pm
3	03/07/24	1.5 Hours	Tags in HTML	02:00pm	03:30pm
4	04/07/24	1.5 Hours	Structure of a Website	02:00pm	03:30pm
5	05/07/24	1.5 Hours	Building Registration Forms	02:00pm	03:30pm
6	06/07/24	1.5 Hours	Intro to CSS	02:00pm	03:30pm
7	07/07/24	1.5 Hours	Classes & different types of css	02:00pm	03:30pm
8	08/07/24	1.5 Hours	Attributes in CSS	02:00pm	03:30pm
9	09/07/24	1.5 Hours	Getting into Xampp	02:00pm	03:30pm
10	10/07/24	1.5 Hours	Introduction to .php files	02:00pm	03:30pm
11	11/07/24	1.5 Hours	Working with php files	02:00pm	03:30pm
12	12/07/24	1.5 Hours	Regular expressions (regex)	02:00pm	03:30pm
13	13/07/24	1.5 Hours	Php Databases	02:00pm	03:30pm

14	14/07/24	2 Hours	Working with Javascript	02:00pm	03:30pm
15	15/07/24	1.5 Hours	Building Sliders using Javascript	02:00pm	03:30pm

WORK LOG

S.NO.	DATE		PARTICULARS	TIME
1	1-July-2024 8-July-2024	to	Introduction to Web Development: HTML & CSS	02:00 p.m. – 03.30 p.m.
2	9-July-2024 15-July2024	to	Working with PHP (XAMPP) & JAVASCRIPT	02:00 p.m. – 03.30 p.m.

1. INTRODUCTION

Welcome to our game website project, where we aim to create a vibrant and immersive platform for gaming enthusiasts. This code lays the foundation for a visually appealing website that showcases the latest games with detailed descriptions, ratings, and download options.

Key features include a streamlined navigation bar for easy access to different sections like the store, community, and contact pages. CSS styling and icons enhance the website's aesthetic appeal, while JavaScript promises to introduce interactive elements and functionalities.

1.1 Goals

To present a code that lays the foundation for a vibrant and engaging game website. It incorporates essential elements such as a navigable interface, visually appealing game showcases, and informative sections like the footer.

1.2 Specifications

Frontend:

1. HTML
2. CSS

Backend:

1. PHP
2. XAMPP for database management

2. Project Objectives

Showcasing Games: Displaying various new games with their details and download links to attract visitors.

Navigation and User Interaction: Providing a user-friendly navigation bar and interactive elements like buttons for signing in and signing up.

Simplicity: Providing a simple and user friendly interface.

Styling and Enhancement: Using external CSS and JavaScript to enhance the visual appeal and functionality of the website.

3. Technology used

3.1 Frontend:

1. HTML
2. CSS

3.2 Backend:

1. PHP

3.3 Database:

1. Xampp

4 Frontend Development

4.1 HTML

```

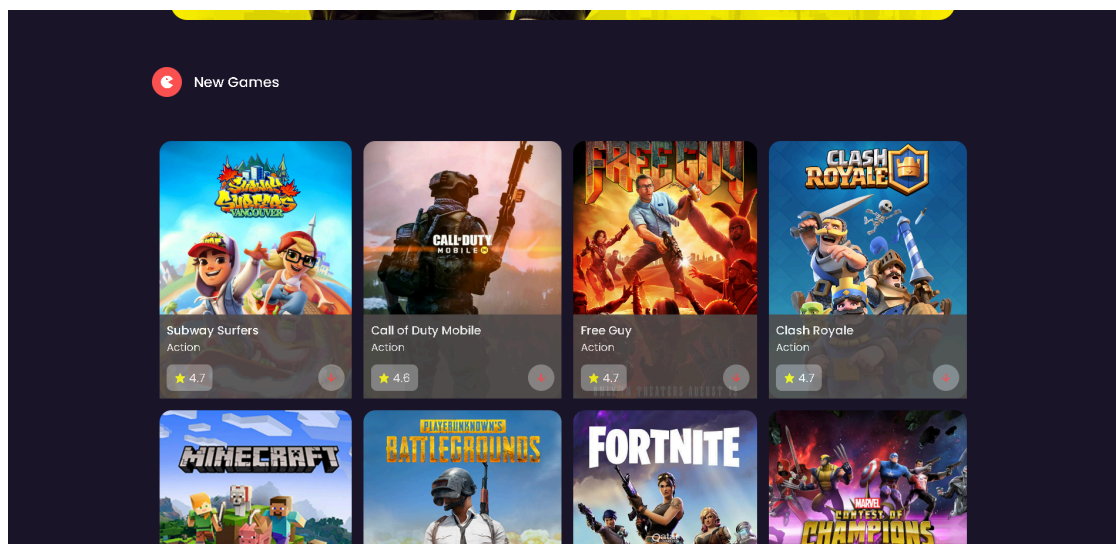
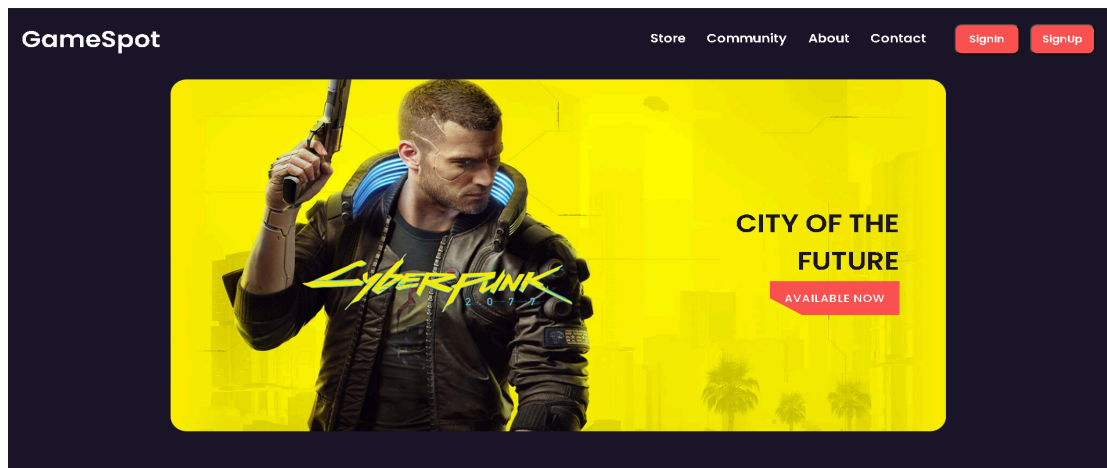
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Game Website</title>
5     <!-- Link to CSS-->
6     <link rel="stylesheet" href="game_css1.css">
7     <!--Box Icons-->
8     <link href='https://unpkg.com/boxicons@2.1.4/css/boxicons.min.css' rel='stylesheet'>
9     <!--Swipper css file link-->
10    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/swiper@11/swiper-bundle.min.css">
11
12  </head>
13  <body>
14
15    <div class="navbar">
16      <div class="navdiv">
17        <div class="logo"><a href="#">GameSpot</a></div>
18        <ul>
19          <li><a href="#">Store</a></li>
20          <li><a href="#">Community</a></li>
21          <li><a href="#">About</a></li>
22          <li><a href="#">Contact</a></li>
23          <button><a target="_blank" href="file:///C:/xampp/htdocs/demo/webbb/regform_signin.html">SignIn</a></button>
24          <button><a target="_blank" href="file:///C:/xampp/htdocs/demo/webbb/regform_demo.html">SignUp</a></button>
25
26        </ul>
27      </div>
28    </div>
29
30  </div>
31  <!--Home Section Start-->
32  <div class="section home container" id="home">
33    
34    <div class="home-text">
35      <h1>CITY OF THE <br> FUTURE</h1>
36      <a href="#" class="btn">Available Now</a>
37    </div>

```

4.2 CSS

```
# game_css1.css > 4.navbar
1  /* google fonts */
2  @import url('https://fonts.googleapis.com/css2?family=Poppins:wght@400;500;600&display=swap');
3  *{
4      font-family: 'poppins', sans-serif;
5      margin: 0;
6      padding: 0;
7      scroll-behavior: smooth;
8      box-sizing: border-box;
9      list-style: none;
10     text-decoration: none;
11     scroll-padding-top: 2rem;
12     color: white;
13 }
14 :root{
15     --main-color: #fa5353;
16     --dark-color: #1b182b;
17     --light-color: #322f40;
18     --text-color: hsl(0,0%,91%);
19 }
20 ::selection{
21     color: var(--text-color)
22 }
23 section{
24     padding: 4rem 0 3rem;
25 }
26 img{
27     width: 100%;
28 }
29 body{
30     color: var(--text-color);
31     background-color: var(--dark-color);
32 }
33 .container{
34     max-width: 1068px;
35     margin: auto;
36     width: 100%;
37 }
```

5. Final Website



6 Challenges and Solutions

Challenge:

- I couldn't use custom fonts and only could use In-built Fonts.
- I could only insert images and audios, not videos.
- Adding new shapes was hard to Implement

Solutions:

- I used Google fonts to import new fonts.
- I used <video> tag to add videos.
- These two websites helped me to add new shapes and images

BoxIcons: <https://boxicons.com/>

Clip-path maker: <https://bennettfeely.com/clippy/>

7 Future Enhancements

- To Add a Slider using javascript which shows different games without the need to scroll.
- Add Audios to the video that i have inserted.
- Add Different Categories Or Genre Of games.
- Also to add the information about the system requirements for the game to be downloaded.

8 CONCLUSION

The presented code lays the foundation for a vibrant and engaging game website. It incorporates essential elements such as a navigable interface, visually appealing game showcases, and informative sections like the footer. The use of CSS styling and icons enhances the website's aesthetic appeal, while JavaScript promises to introduce interactive functionalities.

