SEVA SADAN'S

R. K. TALREJA COLLEGE

OF

ARTS, SCIENCE & COMMERCE

ULHASNAGAR – 421 003

CERTIFICATE

This is to certify that Mr./Ms. <u>Bhakuni Chiragsingh Umashnakar</u> of F.Y. Information Technology (FYIT) Roll No. <u>2541003</u> has satisfactorily completed the Web Designing Mini Project entitled <u>Portfolio with Dynamic Greeting Based on Time</u> during the academic year 2025 – 2026, as a part of the practical requirement. The project work is found to be satisfactory and is approved for submission.

PROF. INCHARGE   **HEAD OF DEPT**

<u>SAHIL SHUKLA</u>   **<u>LAXMI JESWANI</u>**

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INTRODUCTION:

Chirag Bhakuni is a forward-thinking **First-Year BSc. IT student** who operates at the intersection of logical development and creative storytelling. Driven by a mission to bridge the gap between robust code and engaging user experiences, Chirag has cultivated a versatile skill set that spans from **C programming and MySQL database management** to professional-grade **visual editing** for high-impact social media content. As a dedicated learner and a strategic gamer within the Free Fire community, he brings a unique competitive discipline and rapid problem-solving edge to every technical project. Whether he is architecting an Employee Management System or crafting aesthetic digital narratives, Chirag is focused on continuous improvement and pushing the boundaries of what a modern IT professional can achieve.

<u>REQUIREMENT SPECIFICATION :</u>

The development of my digital portfolio and technical projects is grounded in a rigorous process of defining **Functional and Non-Functional requirements** to ensure high performance and user satisfaction. From a functional standpoint, the system specifications focus on **seamless data CRUD operations** (Create, Read, Update, Delete) within C-based environments and **relational integrity** using MySQL and MS Access for database management. The technical specifications prioritize a **responsive, mobile-first architecture** utilizing HTML5, CSS3, and JavaScript, ensuring cross-browser compatibility and rapid load times. Furthermore, the integration of **ScrollReveal API** and **CSS Flexbox/Grid** provides a dynamic user interface (UI) specified to handle diverse media formats—from high-definition gaming highlights to technical documentation—while maintaining an intuitive user experience (UX) across all digital touchpoints.

SYSTEM DESIGN:

The architecture of my projects follows a modular **Three-Tier Design** pattern, ensuring that the logic, data, and interface remain distinct and manageable:

1. **Presentation Tier (User Interface):** Built using **HTML5 and CSS3**, this layer is designed for responsiveness. It uses a **Grid-based layout** and asynchronous JavaScript to handle user interactions (like opening modals or playing gaming highlights) without refreshing the page.
2. **Logic Tier (Application Layer):** For my GitHub projects, this tier is powered by **C Programming**. It handles the core business logic—such as calculating employee records or processing search queries—ensuring that data is validated before it moves to storage.
3. **Data Tier (Database Layer):** This is the "brain" of the system, where **MySQL or MS Access** is utilized. The design focuses on **Schema Normalization** to reduce data redundancy, ensuring that every piece of information is stored efficiently and can be retrieved via optimized SQL queries.

SYSTEM IMPLEMENTATION:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Chirag Bhakuni | Portfolio</title>
    <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;600;700&display=swap" rel="stylesheet">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css">
    <script src="https://unpkg.com/scrollreveal"></script>

    <style>
```

```css
* { margin:0; padding:0; box-sizing:border-box; font-family:'Poppins', sans-serif; }

body {
    background: linear-gradient(135deg,#0f2027,#1f4037,#2c5364);
    color:white;
    overflow-x:hidden;
    scroll-behavior: smooth;
}

header {
    display:flex; justify-content:space-between; align-items:center;
    padding:15px 8%; position: fixed; top: 0; width: 100%; z-index: 1000;
    background: rgba(15, 32, 39, 0.85); backdrop-filter: blur(10px);
    border-bottom: 1px solid rgba(168, 224, 99, 0.1);
```

```css
        }

        .profile-box-nav { display: flex; align-items:
center; gap: 12px; }

        .profile-pic-nav { width: 45px; height: 45px;
border-radius: 50%; object-fit: cover; border: 2px
solid #a8e063; }

        .profile-text-nav h4 { font-size: 14px; font-
weight: 700; color: #fff; margin: 0; }

        .profile-text-nav small { font-size: 10px; color:
#a8e063; display: block; text-transform: uppercase;
}

        nav ul { display:flex; list-style:none; gap:
50px; }

        nav ul li a { text-decoration:none; color:white;
font-size:15px; transition:0.3s; }

        nav ul li a:hover { color:#a8e063; }

        .hero { display:flex; justify-content:space-
between; align-items:center; padding:180px 8%
120px; min-height: 100vh; }
```

```css
.hero-left { max-width:600px; }

.hero-left h5 { font-size:12px; letter-spacing:2px; margin-bottom:15px; color: #a8e063; }

.hero-left h1 { font-size:45px; margin-bottom:10px; line-height: 1.2; font-weight: 700; }

.hero-left h1 span { color:#a8e063; }

.hero-left h2 { font-size:22px; margin-bottom:15px; font-weight: 400; color: #fff; }

.hero-left p { font-size:15px; margin-bottom:30px; opacity:0.8; }


.hero-right img {

    width:350px; height:350px; border-radius:50%; object-fit: cover;

    border: 8px solid rgba(168, 224, 99, 0.15);

    box-shadow: 0 0 30px rgba(168, 224, 99, 0.2);

    animation: floatImage 4s ease-in-out infinite;

}
```

```css
@keyframes floatImage {

    0% { transform: translateY(0); }

    50% { transform: translateY(-20px); }

    100% { transform: translateY(0); }

}


.btn1 { background:#a8e063; color:#0f2027;
padding:10px 22px; border-radius:25px; text-
decoration:none; font-weight: 600; border: 2px
solid #a8e063; transition: 0.4s; cursor: pointer;
display: inline-block;}

.btn1:hover { background: transparent; color:
#a8e063; box-shadow: 0 0 20px #a8e063; }


.section-container { padding: 120px 8%; text-
align: center; }

.work-title { font-size: 38px; margin-bottom:
10px; color: #a8e063; text-transform: uppercase; }
```

```css
.work-container { display: grid; grid-template-columns: repeat(auto-fit, minmax(300px, 1fr)); gap: 50px; justify-content: center; }

.work-card {

    background: rgba(255,255,255,0.05);
    backdrop-filter: blur(15px); border-radius: 30px;

    padding: 60px 40px; border: 1px solid rgba(168,224,99,0.15); transition: 0.4s;

    display: flex; flex-direction: column; align-items: center; gap: 20px;

}

.work-card:hover { transform: translateY(-10px); border-color: #a8e063; box-shadow: 0 15px 35px rgba(0,0,0,0.4); }

.work-card i { font-size: 3rem; color: #a8e063; }

.work-btn { padding: 12px 35px; background: #a8e063; color: #000; border-radius: 25px; text-decoration: none; font-weight: 700; cursor: pointer; border: none; text-align: center; line-height: 25px;}
```

```css
.contact-card {

    max-width: 800px; margin: 0 auto;

    background: rgba(255, 255, 255, 0.03);
backdrop-filter: blur(20px);

    border: 1px solid rgba(168, 224, 99, 0.3);
border-radius: 20px;

    padding: 40px; text-align: left; box-shadow:
0 0 30px rgba(168, 224, 99, 0.1);

    }

    .contact-row { display: flex; justify-content:
space-between; align-items: center; padding: 25px
0; border-bottom: 1px solid rgba(255, 255, 255,
0.1); }

    .contact-row:last-child { border-bottom: none;
}

    .contact-info { display: flex; align-items:
center; gap: 20px; }

    .contact-info i { font-size: 24px; color:
#a8e063; }

    .contact-text h4 { font-size: 18px; color: #fff;
margin-bottom: 4px; }
```

```css
.contact-text p { font-size: 13px; color: #ccc;
opacity: 0.8; }

.contact-btn { background: #a8e063; color:
#000; padding: 10px 25px; border-radius: 20px;
text-decoration: none; font-weight: 700; font-size:
14px; transition: 0.3s; }


.modal-overlay {

    position: fixed; top: 0; left: 0; width: 100%;
height: 100%;

    background: rgba(0, 0, 0, 0.85); backdrop-
filter: blur(8px);

    display: none; justify-content: center; align-
items: center; z-index: 2000; opacity: 0; transition:
0.3s;

}

.modal-overlay.active { display: flex; opacity:
1; }

.modal-content {

    background: rgba(20, 40, 50, 0.95); width:
90%; max-width: 800px; padding: 60px;
```

```css
        border-radius: 30px; border: 1px solid
rgba(168, 224, 99, 0.3); position: relative; text-
align: left;

        max-height: 90vh; overflow-y: auto;

    }

    .close-modal { position: absolute; top: 25px;
right: 30px; font-size: 32px; color: #a8e063; cursor:
pointer; }

    .modal-content h2 { color: #a8e063; margin-
bottom: 30px; font-size: 28px; border-bottom: 2px
solid rgba(168,224,99,0.2); padding-bottom: 15px;
}

    .modal-content h3 { font-size: 20px; margin:
30px 0 15px; color: #fff; text-transform: uppercase;
}

    .modal-content p { font-size: 16px; line-height:
1.8; color: #ddd; margin-bottom: 25px; }

    .skill-list { list-style: none; }

    .skill-list li { font-size: 15px; margin-bottom:
20px; color: #ccc; position: relative; padding-left:
30px; }

    .skill-list li::before { content: "→"; position:
absolute; left: 0; color: #a8e063; }
```

```css
.skill-list b { color: #a8e063; }

.proj-link {

    display: flex; align-items: center; justify-content: space-between;

    background: rgba(255,255,255,0.05); padding: 20px; border-radius: 12px;

    color: #fff; text-decoration: none; margin-bottom: 15px; transition: 0.3s;

    border: 1px solid rgba(168, 224, 99, 0.1);

}

.proj-link:hover { background: rgba(168, 224, 99, 0.1); border-color: #a8e063; transform: scale(1.02); }


footer { padding: 60px; text-align: center; opacity: 0.5; font-size: 14px; }

@media(max-width:900px){ .hero { flex-direction:column-reverse; text-align:center; padding-top: 130px; } .hero-right img { width: 260px; height: 260px; } }

</style>
```

```html
</head>

<body>

<header>
    <div class="profile-box-nav">
        <img src="WhatsApp Image 2026-02-24 at 02.00.25.jpeg" alt="Logo" class="profile-pic-nav">
        <div class="profile-text-nav"><h4>CHIRAG BHAKUNI</h4><small>FY BSc.IT STUDENT</small></div>
    </div>
    <nav><ul><li><a href="#">Home</a></li><li><a href="#projects">Project</a></li><li><a href="#passion">Passion</a></li><li><a href="#contact">Contact</a></li></ul></nav>
</header>

<section class="hero">
    <div class="hero-left">
```

```html
        <h5 class="reveal">More than a portfolio, it's my Digital identity </h5>

        <h1 class="reveal" id="greetText">HEY, <span>CHIRAG HERE !</span></h1>

        <h2 class="reveal">Learner / Editor / Gamer</h2>

        <p class="reveal">Building / Learning Experiences beyond limits.</p>

        <div class="buttons reveal"><a class="btn1" onclick="openModal('aboutModal')">About Me</a></div>

    </div>

    <div class="hero-right reveal"><img src="WhatsApp Image 2026-02-24 at 02.00.25.jpeg" alt="Chirag"></div>

</section>


<div id="aboutModal" class="modal-overlay">

    <div class="modal-content">

        <span class="close-modal" onclick="closeModal('aboutModal')">&times;</span>
```

<h2>ABOUT ME</h2>

<p>I am Chirag Bhakuni, a highly motivated FYBSc IT student with a deep-seated passion for the digital landscape. My journey is defined by a Dedicated approach to exploring emerging technologies and a commitment to Skill Development that transcends the classroom. By blending technical academic pursuits with high-level creative editing and strategic gaming, I have cultivated a unique perspective on digital interaction and performance. I am Focused on bridging the gap between innovative code and engaging user experiences, ensuring that every project I undertake is a step toward Continuously Improving my professional capabilities.</p>

<h3>Key Strengths</h3>

<ul class="skill-list">

Technical Agility: Actively expanding my foundational knowledge in IT through a hands-on approach to new software and programming environments.

Creative Excellence: A professional-grade editor specializing in Instagram

reels, utilizing advanced visual storytelling to drive engagement and aesthetic impact.

                                                   Strategic Multitasking: Demonstrating a proven ability to manage complex academic schedules alongside demanding personal projects without compromising quality.

Competitive Discipline: Leveraging years of experience as an intermediate gamer in the Free Fire community to develop rapid problem-solving skills and high-pressure decision-making.

Growth Mindset: Entirely Focused on building a robust portfolio of personal projects that showcase my evolution as a developer and digital creator.

    </div>

</div>

<section class="section-container" id="projects">

    <h2 class="work-title reveal">Project</h2>

    <div class="work-container" style="display: flex; justify-content: center;">

```html
        <div class="work-card reveal" style="max-width: 400px; width: 100%;">
            <i class="fab fa-github"></i>
            <h3>GitHub</h3>
            <p>Explore my coding projects and repositories.</p>
            <button class="work-btn" onclick="openModal('githubModal')">Explore</button>
        </div>
    </div>
</section>

<section class="section-container" id="passion">
    <h2 class="work-title reveal">Passion</h2>
    <div class="work-container">
        <div class="work-card reveal">
            <i class="fas fa-film"></i>
            <h3>Video Editing</h3>
```

```html
        <p>Watch my edited reels and creative content.</p>

        <a href="https://drive.google.com/drive/folders/1f--XjpSE1yyrYqBWUVTHikbRscDwRQXE" target="_blank" class="work-btn">Explore</a>

    </div>

    <div class="work-card reveal">

        <i class="fas fa-gamepad"></i>

        <h3>Gaming</h3>

        <p>See my gaming IDs and stats.</p>

        <button class="work-btn" onclick="openModal('gamingModal')">Explore</button>

    </div>

    <div class="work-card reveal">

        <i class="fab fa-youtube"></i>

        <h3>YouTube</h3>

        <p>Check out my channel.</p>

        <a href="https://youtube.com/@luisgamingofficial?si=
```

```html
PEuthV3N1VEbDvkv" target="_blank"
class="work-btn">Explore</a>

      </div>

   </div>

</section>


<div id="githubModal" class="modal-overlay">

   <div class="modal-content">

      <span class="close-modal"
onclick="closeModal('githubModal')">&times;</span>

      <h2>GitHub Details</h2>

      <h3>Skills I Learned</h3>

      <ul class="skill-list">

         <li><b>MySQL</b> – Basic database
creation, queries, and table relationships.</li>

         <li><b>DBMS</b> – Understanding
database structure and management.</li>

         <li><b>MS Access</b> – Managing small-
scale databases.</li>
```

```html
        <li><b>C Programming (FY level)</b> –
Basic concepts, loops, and file handling.</li>

      </ul>

      <h3>Major Project</h3>

      <a
href="https://github.com/Codewithchiru/chirag/tree/
main/Code%20with%20chiruuu" target="_blank"
class="proj-link">

        <span>Employee Management
System</span><i class="fas fa-external-link-
alt"></i>

      </a>

      <div style="margin-top: 25px; text-align:
center;">

        <a href="https://github.com/Codewithchiru"
target="_blank" style="color: #a8e063; text-
decoration: none; font-size: 14px; font-weight:
600;"><i class="fab fa-github"></i> Visit My
GitHub Profile</a>

      </div>

    </div>

</div>
```

```html
<div id="gamingModal" class="modal-overlay">
    <div class="modal-content" style="max-width: 750px;">
        <span class="close-modal" onclick="closeModal('gamingModal')">&times;</span>
        <h2>Gaming Highlights</h2>
        <div style="display: flex; flex-direction: column; gap: 40px;">
            <div style="background: rgba(255,255,255,0.05); padding: 25px; border-radius: 20px;">
                <h3>1st ID - Highlights</h3>
                <video width="100%" style="border-radius: 15px;" controls><source src="WhatsApp Video 2026-02-24 at 01.31.13.mp4" type="video/mp4"></video>
                <button class="work-btn" style="margin-top:15px" onclick="toggleStats('stats1')">View Stats</button>
                <div id="stats1" style="display: none; margin-top: 20px;"><img src="WhatsApp Image
```

2026-02-24 at 01.32.01.jpeg" width="100%" style="border-radius: 15px;"></div>

    </div>

    <div style="background: rgba(255,255,255,0.05); padding: 25px; border-radius: 20px;">

        <h3>2nd ID - Highlights</h3>

        <video width="100%" style="border-radius: 15px;" controls><source src="WhatsApp Video 2026-02-24 at 01.31.15.mp4" type="video/mp4"></video>

        <button class="work-btn" style="margin-top:15px" onclick="toggleStats('stats2')">View Stats</button>

        <div id="stats2" style="display: none; margin-top: 20px; flex-direction: column; gap: 15px;">

            <img src="WhatsApp Image 2026-02-24 at 01.31.43.jpeg" width="100%" style="border-radius: 15px;">

            <img src="WhatsApp Image 2026-02-24 at 01.31.44.jpeg" width="100%" style="border-radius: 15px;">

```html
        </div>

      </div>

    </div>

  </div>

</div>


<section class="section-container" id="contact">

    <h2 class="work-title reveal">CONTACT ME</h2>

    <div class="contact-card reveal">

      <div class="contact-row">

        <div class="contact-info"><i class="far fa-envelope"></i><div class="contact-text"><h4>Email</h4><p>Professional inquiries.</p></div></div>

        <a href="mailto:chiragbhakuni07@gmail.com" class="contact-btn">Send Email</a>

      </div>

      <div class="contact-row">
```

```html
        <div class="contact-info"><i class="fab fa-whatsapp"></i><div class="contact-text"><h4>WhatsApp</h4><p>Quick chat.</p></div></div>

        <a href="https://wa.me/919321427975" target="_blank" class="contact-btn">Message Me</a>

    </div>

    <div class="contact-row">

        <div class="contact-info"><i class="fab fa-instagram"></i><div class="contact-text"><h4>Instagram</h4><p>Personal updates.</p></div></div>

        <a href="https://www.instagram.com/yaa.itz.chiruuu?igsh=MWU4eWNsdjFtOTQ1eg==" target="_blank" class="contact-btn">View Profile</a>

    </div>

  </div>

</section>


<footer><p>&copy; 2024 Chirag Bhakuni | Made with ❤□</p></footer>
```

```
<script>

    function openModal(id) {
document.getElementById(id).style.display =
"flex"; setTimeout(() => {
document.getElementById(id).classList.add("active
"); }, 10); }

    function closeModal(id) {
document.getElementById(id).classList.remove("ac
tive"); setTimeout(() => {
document.getElementById(id).style.display =
"none"; }, 300); }

    function toggleStats(id) { let stats =
document.getElementById(id); stats.style.display =
(stats.style.display === "none" || stats.style.display
=== "") ? "flex" : "none"; }

    window.onclick = function(e) { if
(e.target.className === "modal-overlay active") {
closeModal(e.target.id); } }

    function setGreeting() {

        const hour = new Date().getHours();

        let msg = (hour < 12) ? "Good Morning ☀" :
(hour < 17) ? "Good Afternoon □" : "Good Evening
□";
```

```
document.getElementById("greetText").innerHTM
L = `HEY, ${msg} <br><span>CHIRAG HERE
!</span>`;

  }

  setGreeting();

  ScrollReveal().reveal('.reveal', { distance: '60px',
duration: 1200, origin: 'bottom', interval: 150 });

</script>

</body>

</html>
```

RESULT:

https://codewithchiru.github.io/my-portfolio/

FUTURE SCOPE AND CONCLUSION:

The roadmap for my digital journey involves transitioning from a frontend-focused learner to a **Full-Stack Developer**. In the coming phases, I aim to integrate **React.js** or **Next.js** to build more dynamic, single-page applications that offer a

smoother user experience. On the backend, I plan to advance from C-based systems to **Python (Django/Flask)** and **Node.js**, allowing for more complex API integrations and real-time data processing.

Furthermore, I intend to bridge my passion for gaming and IT by exploring **Unity or Unreal Engine** for game development. My ultimate goal is to incorporate **Machine Learning algorithms** into my projects, such as a recommendation engine for video content or predictive analytics for my management systems, ensuring that my work remains at the cutting edge of technological evolution.

Conclusion

In conclusion, this portfolio serves as a testament to my dedication to the digital craft, blending technical academic foundations with creative flair. Through the development of projects like the **Employee Management System** and the curation of a high-performance gaming identity, I have demonstrated a

strong command over **problem-solving, UI/UX design, and database management**.

Being an **FY BSc.IT student**, I view every challenge as a learning opportunity. My ability to manage academic rigors while maintaining a professional creative presence proves my discipline and adaptability. I am now prepared to leverage these skills in professional environments, contributing innovative solutions and continuing my pursuit of excellence in the ever-changing landscape of Information Technology.

REFERENCE:

Visual Studio Code – Used for writing, editing, and managing the website source code.

Gemini AI – Used for idea generation, concept understanding, and guidance during development.

Google Chrome – Used for running, testing, and debugging the portfolio website.

GLOSSARY:

HTML (HyperText Markup Language):
A standard markup language used to create the structure of web pages.

CSS (Cascading Style Sheets):
A styling language used to design and format the layout of web pages.

JavaScript:
A scripting language used to add interactivity and dynamic behavior to websites.

Responsive Design:
A design approach that ensures the website works properly on different screen sizes like mobile, tablet, and desktop.

CSS Variables:
Reusable custom properties used to store values like colors and make theme management easier.

Theme Toggle:
A feature that allows switching between dark mode and light mode.

Intersection Observer:
A JavaScript API used to detect when elements become visible in the viewport.

Canvas API:
A JavaScript feature used to draw graphics and animations directly in the browser.

Animation:
A visual effect that creates movement or transition on web elements.

User Interface (UI):
The visual layout and design through which users
interact with the website.