SEVA SADAN'S

R. K. TALREJA COLLEGE

OF

ARTS, SCIENCE & COMMERCE

ULHASNAGAR – 421 003

CERTIFICATE

This is to certify that Mr./Ms. **Ali Raza Shaikh** of F.Y. Information Technology (FYIT) Roll No**. 2541042** has satisfactorily completed the Web Designing Mini Project entitled **create a portfolio animated intro and video control** 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**

_____   _____

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1️⃣ Introduction

This project is a Personal Portfolio Website created using HTML, CSS, and JavaScript.
The purpose of this website is to:

- Introduce yourself professionally
- Showcase your skills and projects
- Provide contact information
- Create a modern, responsive, and animated user experience

The website includes:

- A video background intro section
- Fixed navigation bar
- About section
- Projects section with scroll animation
- Contact section
- Footer

This portfolio is designed with a modern dark theme, smooth animations, and responsive layout.

2️⃣ Technologies Used

Technology	Purpose
HTML5	Structure of the website
CSS3	Styling, layout, animations
JavaScript	Interactivity & scroll animations
Google Fonts (Poppins)	Modern typography

3️⃣ Code Structure Explanation

The code is divided into three main parts:

1. HTML (Structure)
2. CSS (Design & Layout)
3. JavaScript (Functionality & Animations)

4 HTML Structure Explanation

◆ **A) Head Section**

```
<meta charset="UTF-8">
<meta name="viewport"
content="width=device-width, initial-
scale=1.0">
<title>My Portfolio</title>
```

Purpose:
- Sets character encoding
- Makes website responsive
- Sets page title

◆ **B) Google Font**

```
<link
href="https://fonts.googleapis.com/css2?family=Poppins..." rel="stylesheet">
```

Used to import the Poppins font family for modern typography.

◆ **C) Navigation Bar**

```
<nav>
```

Features:
- Fixed at top
- Transparent glass effect
- Links scroll to different sections

Sections:
- About
- Projects
- Contact

◆ **D) Intro Section**

<section id="intro">

Features:
- **Full screen height**
- **Background video**
- **Introduction text**
- **"Explore My Work" button**

Video settings:

<video autoplay muted loop controls>
- **autoplay → starts automatically**
- **muted → required for autoplay**
- **loop → repeats**
- **controls → shows controls**

◆ **E) About Section**

Contains:
- **Personal introduction**
- **Skills**
- **Technologies used**

Purpose:
- **Explain who you are**
- **Show professional background**

◆ **F) Projects Section**

<div class="project-card">

Each project card includes:
- **Project title**
- **Short description**

Uses CSS Grid for layout.

◆ **G) Contact Section**

Simple email display:

```
<p>Email: your@email.com</p>
```

- ◆ **H) Footer**

Displays copyright:

© 2026 My Portfolio

5 CSS Styling Explanation

- ◆ **Global Reset**

```
*{
   margin:0;
   padding:0;
   box-sizing:border-box;
}
```

Removes default spacing and ensures consistent layout.

- ◆ **Body Styling**

```
body{
   background:#0f172a;
   color:white;
}
```

Creates dark theme background.

- ◆ **Intro Section Styling**
  - Full viewport height
  - Centered content
  - Video background with opacity

```
opacity:0.4;
```

Makes video dim so text is visible.

- ◆ **Button Styling**

```
.btn{
   background:#38bdf8;
```

}
Rounded modern button with hover effect.

◆ **Navigation Styling**
backdrop-filter:blur(10px);
Creates glassmorphism effect.

◆ **Projects Grid**
grid-template-columns:repeat(auto-fit,minmax(250px,1fr));
Makes layout responsive automatically.

◆ **Animation Effects**
Fade In Animation
@keyframes fadeIn
Used in intro section.
Scroll Animation
.show{
    transform:translateY(0);
    opacity:1;
}
Cards appear smoothly when scrolling.

6 JavaScript Functionality

◆ **Scroll Button Function**
function scrollToSection(){

document.getElementById("about").scrollIntoView({behavior:"smooth"});
}
Purpose:
 • Scrolls smoothly to About section
 • Activated when button is clicked

◆ **Scroll Animation for Project Cards**
window.addEventListener('scroll', () => {
How It Works:

1. Detects scroll event
2. Checks position of each project card
3. Adds .show class when visible
4. Animation triggers

This creates a professional scroll reveal effect.

🔲 **Features of This Portfolio**
✔ **Full screen intro section**
✔ **Background video**
✔ **Fixed navigation bar**
✔ **Smooth scrolling**
✔ **Scroll reveal animation**
✔ **Responsive layout**
✔ **Modern dark UI**
✔ **Hover effects**
✔ **Grid-based project layout**

🔲 **Improvements You Can Add**
To make it more professional:

- Add real project images
- Add GitHub & LinkedIn links
- Add contact form instead of email text
- Remove video controls for cleaner look
- Add mobile menu (hamburger)
- Deploy using GitHub Pages or Netlify
- Add SEO meta tags
- Add download CV button

9 Advantages of This Design

- Clean and modern UI
- Easy to customize
- Lightweight (No frameworks used)
- Beginner-friendly
- Fully responsive
- Smooth animations improve user experience

10 Conclusion

This portfolio website is a modern, responsive, and interactive personal branding website built using HTML, CSS, and JavaScript.

It demonstrates:

- Front-end development skills
- UI/UX design understanding
- Animation and interaction handling
- Responsive web design principles

This project is ideal for:

- Students
- Beginners in web development
- Personal branding
- Internship applications
- Freelance portfolios

With small improvements and real project integration, this portfolio can become a strong professional showcase for your IT career.

If you want, I can also provide:

- 📄 PDF documentation

- 📝 **Viva explanation (for college presentation)**
- 🎤 **Presentation speech script**
- 📊 **PowerPoint slides**

Top of Form

Code:-

```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport"
content="width=device-width, initial-
scale=1.0">
<title>My Portfolio</title>

<!-- Google Font -->
<link
href="https://fonts.googleapis.com/css2?fa
mily=Poppins:wght@300;400;600;700&dis
play=swap" rel="stylesheet">

<style>
*{
    margin:0;
    padding:0;
    box-sizing:border-box;
    font-family:'Poppins',sans-serif;
}

body{
    background:#0f172a;
```

```css
        color:white;
        overflow-x:hidden;
}

/* ===== Intro Section ===== */
#intro{
    height:100vh;
    display:flex;
    align-items:center;
    justify-content:center;
    flex-direction:column;
    position:relative;
    background:black;
}

#intro video{
    position:absolute;
    width:100%;
    height:100%;
    object-fit:cover;
    z-index:-1;
    opacity:0.4;
}

.intro-content{
    text-align:center;
    animation:fadeIn 2s ease forwards;
}

.intro-content h1{
    font-size:3rem;
}
```

```css
.intro-content p{
    margin:15px 0;
    font-size:1.2rem;
    color:#cbd5e1;
}

.btn{
    padding:10px 25px;
    border:none;
    background:#38bdf8;
    color:black;
    font-weight:600;
    cursor:pointer;
    border-radius:25px;
    transition:0.3s;
}

.btn:hover{
    background:white;
}

/* ===== Navbar ===== */
nav{
    position:fixed;
    width:100%;
    top:0;
    left:0;
    padding:15px 50px;
    display:flex;
    justify-content:space-between;
    background:rgba(0,0,0,0.6);
    backdrop-filter:blur(10px);
    z-index:1000;
```

```css
}

nav a{
    color:white;
    text-decoration:none;
    margin-left:20px;
}

/* ===== Sections ===== */
section{
    padding:100px 10%;
    min-height:100vh;
}

h2{
    font-size:2rem;
    margin-bottom:30px;
}

/* ===== Projects ===== */
.projects{
    display:grid;
    grid-template-columns:repeat(auto-
fit,minmax(250px,1fr));
    gap:20px;
}

.project-card{
    background:#1e293b;
    padding:20px;
    border-radius:15px;
    transition:0.4s;
    transform:translateY(50px);
```

```css
    opacity:0;
}

.project-card:hover{
    transform:scale(1.05);
}

.project-card h3{
    margin-bottom:10px;
}

/* ===== Animations ===== */
@keyframes fadeIn{
    from{opacity:0;
transform:translateY(20px);}
    to{opacity:1; transform:translateY(0);}
}

.show{
    transform:translateY(0) !important;
    opacity:1 !important;
    transition:1s ease;
}

/* ===== Footer ===== */
footer{
    text-align:center;
    padding:20px;
    background:#020617;
}

</style>
</head>
```

```html
<body>

<!-- ===== Navbar ===== -->
<nav>

<div><strong>MyPortfolio</strong></div>
  <div>
    <a href="#about">About</a>
    <a href="#projects">Projects</a>
    <a href="#contact">Contact</a>
  </div>
</nav>

<!-- ===== Intro Section with Video ===== -->
<section id="intro">
  <video autoplay muted loop controls>
    <source src="your-video.mp4" type="video/mp4">
  </video>

  <div class="intro-content">
    <h1>Hi, I'm Ali Raza</h1>
    <p>Hello! My name is Ali raza. I am 18 years old and currently studying B.Sc. (FYIT).
  I enjoy learning programming and modern technologies and aim to build a strong IT career&Creative Web Designer & Developer</p>
    <button class="btn" onclick="scrollToSection()">Explore My Work</button>
```

```html
        </div>
    </section>

    <!-- ===== About Section ===== -->
    <section id="about">
        <h2>About Me</h2>
        <p>
            I design and develop modern,
responsive websites with smooth
animations
            and engaging user experiences.I am a
passionate Web Developer and Designer
with a strong focus on creating modern,
responsive, and user-friendly websites. I
specialize in transforming ideas into visually
appealing and fully functional digital
experiences. With expertise in front-end and
back-end development, I build websites that
are not only attractive but also fast, secure,
and scalable.

I work with technologies like HTML, CSS,
JavaScript, and modern frameworks such as
React and Node.js to develop dynamic web
applications. As a designer, I pay close
attention to UI/UX principles, ensuring that
every project delivers a seamless and
engaging user experience across all devices.

I am committed to continuous learning and
staying updated with the latest industry
trends to deliver high-quality solutions that
help businesses grow and succeed online.
```

```html
    </p>
</section>

<!-- ===== Projects Section ===== -->
<section id="projects">
    <h2>My Projects</h2>
    <div class="projects">
        <div class="project-card">
            <h3>Landing Page Design</h3>
            <p>Modern animated landing page
with responsive layout.</p>
        </div>

        <div class="project-card">
            <h3>E-Commerce UI</h3>
            <p>Clean shopping interface with
product filtering.</p>
        </div>

        <div class="project-card">
            <h3>Portfolio Website.
https://github.com/Aliraza786254/my-
portfolio.git</h3>
            <p>Personal branding site with
smooth transitions.</p>
        </div>
    </div>
</section>

<!-- ===== Contact Section ===== -->
<section id="contact">
    <h2>Contact Me</h2>
    <p>Email: your@email.com</p>
```

```
</section>

<footer>
    © 2026 My Portfolio | Designed with ❤
</footer>

<script>

/* Scroll Button */
function scrollToSection(){

document.getElementById("about").scrollIn
toView({behavior:"smooth"});
}

/* Scroll Animation */
const cards =
document.querySelectorAll('.project-card');

window.addEventListener('scroll', () => {
    const triggerBottom =
window.innerHeight * 0.85;

    cards.forEach(card => {
        const cardTop =
card.getBoundingClientRect().top;

        if(cardTop < triggerBottom){
            card.classList.add('show');
        }
    });
});
```

```
</script>

</body>
</html>
```
Bottom of Form