

Established – 1961

Subject:WEB PROGRAMMING

SEVA SADAN'S

R. K. TALREJA COLLEGE

OF

ARTS, SCIENCE & COMMERCE

ULHASNAGAR – 421 003



CERTIFICATE

This is to certify that Mr./Ms. ABEL SUNDER NADAR of F.Y. Information Technology (FYIT) Roll No. 2541023 has satisfactorily completed the Web Designing Mini Project entitled PORTFOLIO WITH JQUERY-BASED IMAGE GALLERY 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

SAHIL SHUKLA

HEAD OF DEPT

PROF:- LAXMI JESWANI

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1. INTRODUCTION:-

A Portfolio Website is a personal website used to showcase an individual's skills, projects, achievements, and contact information.

It works like an online resume where visitors can learn about the developer and view their work.

This project focuses on designing and developing a modern and responsive portfolio website for Abel Nadar.

The website demonstrates front-end web development skills using technologies such as HTML, CSS, JavaScript, and jQuery.

The portfolio website includes multiple sections such as Home, About, Skills, Projects, and Contact. Each section provides different information about the developer including personal introduction, technical skills, and completed projects.

The main aim of this project is to create a visually attractive and interactive website that helps present the developer's abilities in a professional way.

2. REQUIREMENT SPECIFICATION:-

Requirement specification describes the hardware and software needed to develop and run the project.

Hardware Requirements:-

- Processor: Intel Core i3 or higher**
- RAM: Minimum 4 GB**
- Hard Disk: 500 MB free space**
- Monitor: 1366 × 768 resolution or higher**

Software Requirements:-

- Operating System: Windows / Linux / macOS**
- Web Browser: Google Chrome / Mozilla Firefox / Microsoft Edge**
- Code Editor: Visual Studio Code / Notepad++**
- Technologies Used:-**
 - HTML5**
 - CSS3**
 - JavaScript**
 - jQuery**
 - Google Fonts**

3. SYSTEM DESIGN:-

System design explains how the website is structured and how its components interact with each other. The portfolio website follows a single-page design structure where all sections are available on the same page and navigation links allow users to scroll smoothly between sections.

Website Structure:-

The website is divided into the following sections:

Home Section:-

Displays the developer's name, profession, introduction, and profile picture.

About Section:-

Provides information about the developer's background and experience.

Skills Section:-

Displays technical skills such as HTML, CSS, JavaScript, jQuery, PHP, and React using animated progress bars.

Projects Section:-

Shows various projects developed by the user with descriptions and technologies used.

Contact Section:-

Allows visitors to contact the developer through social media or a contact form.

4. SYSTEM IMPLEMENTATION:-

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Abel Nadar | Portfolio</title>
<script src="https://code.jquery.com/jquery-
3.6.0.min.js"></script>
<link
href="https://fonts.googleapis.com/css2?family=Playfa
ir+Display:wght@400;700;900&family=DM+Sans:wght
@300;400;500&display=swap" rel="stylesheet">
<style>
:root {
--dark: #oaoaof;
--deep: #ofof1a;
--accent: #6c63ff;
--accent2: #ff6584;
--gold: #f5c842;
--text: #e8e8fo;
--muted: #888899;
}
* { margin: 0; padding: 0; box-sizing: border-box; }

html { scroll-behavior: smooth; }

body {
font-family: 'DM Sans', sans-serif;
background: var(--dark);
color: var(--text);
overflow-x: hidden;
}

/* — ANIMATED BACKGROUND CANVAS — */
#bg-canvas {
position: fixed;
top: 0; left: 0;
```

```
width: 100%; height: 100%;
z-index: 0;

pointer-events: none;
}

/* — NAV — */
nav {
  position: fixed;
  top: 0; width: 100%;
  z-index: 100;
  background: rgba(10,10,15,0.85);
  backdrop-filter: blur(12px);
  border-bottom: 1px solid rgba(108,99,255,0.2);
  padding: 18px 0;
}

nav ul {
  display: flex;
  list-style: none;
  justify-content: center;
  gap: 40px;
}

nav ul li a {
  color: var(--muted);
  text-decoration: none;
  font-size: 14px;
  letter-spacing: 2px;
  text-transform: uppercase;
  font-weight: 500;
  transition: color 0.3s;
  position: relative;
}

nav ul li a::after {
  content: ";
  position: absolute;
  bottom: -4px; left: 0;
  width: 0; height: 2px;
  background: var(--accent);
}
```

```
    transition: width 0.3s;
}

nav ul li a:hover { color: var(--text); }
nav ul li a:hover::after { width: 100%; }

/* — SECTIONS — */
section {
    position: relative;
    z-index: 1;
    padding: 100px 60px;
    text-align: center;
}

section h2 {
    font-family: 'Playfair Display', serif;
    font-size: 48px;
    font-weight: 900;
    margin-bottom: 50px;
    background: linear-gradient(135deg, #fff 30%, var(--accent));
    -webkit-background-clip: text;
    -webkit-text-fill-color: transparent;
    background-clip: text;
}

/* — HOME — */
#home {
    min-height: 100vh;
    display: flex;
    align-items: center;
    justify-content: center;
    padding-top: 80px;
    background:
        radial-gradient(ellipse 80% 60% at 20% 50%,
        rgba(108,99,255,0.15) 0%, transparent 60%),
        radial-gradient(ellipse 60% 80% at 80% 30%,
        rgba(255,101,132,0.1) 0%, transparent 60%),
        linear-gradient(160deg, #oaoaof 0%, #ofof1a 50%,
        #oaoa12 100%);
}
```

```
.home-container {  
    display: flex;  
    align-items: center;  
    justify-content: space-between;  
    width: 90%;  
    max-width: 1100px;  
    gap: 60px;  
}  
  
.home-text {  
    max-width: 560px;  
    text-align: left;  
}  
  
.home-text .tag {  
    display: inline-block;  
    background: rgba(108,99,255,0.15);  
    border: 1px solid rgba(108,99,255,0.4);  
    color: var(--accent);  
    font-size: 13px;  
    letter-spacing: 2px;  
    text-transform: uppercase;  
    padding: 6px 16px;  
    border-radius: 20px;  
    margin-bottom: 24px;  
    animation: fadeUp 0.6s ease both;  
}  
  
.home-text h1 {  
    font-family: 'Playfair Display', serif;  
    font-size: 58px;  
    font-weight: 900;  
    line-height: 1.1;  
    margin-bottom: 20px;  
    animation: fadeUp 0.7s 0.1s ease both;  
}  
  
.home-text h1 span { color: var(--accent); }  
  
.home-text p {
```

```
    color: var(--muted);  
    font-size: 18px;  
    line-height: 1.7;  
    margin-bottom: 36px;  
    animation: fadeUp 0.7s 0.2s ease both;  
}  
  
.btn-primary {
```

```
    display: inline-block;  
    padding: 14px 34px;  
    background: var(--accent);  
    color: white;  
    border: none;  
    border-radius: 4px;  
    font-size: 15px;  
    font-weight: 500;  
    cursor: pointer;  
    letter-spacing: 1px;  
    text-transform: uppercase;  
    transition: all 0.3s;  
    animation: fadeUp 0.7s 0.3s ease both;  
    text-decoration: none;  
}
```

```
.btn-primary:hover {  
    background: #5751eo;  
    transform: translateY(-2px);  
    box-shadow: 0 10px 30px rgba(108,99,255,0.4);  
}
```

```
.profile {  
    animation: fadeIn 1s 0.4s ease both;  
    flex-shrink: 0;  
}
```

```
.profile-ring {  
    width: 260px;  
    height: 260px;  
    border-radius: 50%;  
    padding: 4px;  
    background: linear-gradient(135deg, var(--accent),
```

```
var(--accent2));
  box-shadow: 0 0 60px rgba(108,99,255,0.4);
}

.profile-ring img {
  width: 100%;
  height: 100%;
  border-radius: 50%;
  object-fit: cover;
  border: 4px solid var(--dark);
}

/* — ABOUT — */
#about {
  background:
    radial-gradient(ellipse at 50% 0%,
    rgba(108,99,255,0.08) 0%, transparent 70%),
    var(--deep);
}

.about-content {
  max-width: 700px;
  margin: 0 auto;
  color: var(--muted);
  font-size: 18px;
  line-height: 1.8;
}

.about-stats {
  display: flex;
  justify-content: center;
  gap: 60px;
  margin-top: 50px;
  flex-wrap: wrap;
}

.stat { text-align: center; }

.stat .num {
  font-family: 'Playfair Display', serif;
  font-size: 48px;
```

```
font-weight: 900;
color: var(--accent);
display: block;
}

.stat .label {
font-size: 13px;
letter-spacing: 2px;
text-transform: uppercase;
color: var(--muted);
}

/* — SKILLS — */
#skills {
background: var(--dark);
}

.skills-grid {
display: grid;
grid-template-columns: repeat(auto-fit,
minmax(280px, 1fr));
gap: 24px;
max-width: 900px;
margin: 0 auto;
}

.skill-card {
background: rgba(255,255,255,0.03);
border: 1px solid rgba(255,255,255,0.06);
border-radius: 12px;
padding: 28px;
text-align: left;
transition: transform 0.3s, border-color 0.3s;
}

.skill-card:hover {
transform: translateY(-4px);
border-color: rgba(108,99,255,0.4);
}

.skill-card .skill-name {
```

```
font-size: 15px;
font-weight: 500;
letter-spacing: 1px;
text-transform: uppercase;
margin-bottom: 14px;
display: flex;
justify-content: space-between;
}

.skill-card .skill-name span:last-child {
  color: var(--accent);
}

.bar {
  width: 100%;
  background: rgba(255,255,255,0.06);
  height: 6px;
  border-radius: 3px;
  overflow: hidden;
}

.bar div {
  height: 6px;
  border-radius: 3px;
  background: linear-gradient(90deg, var(--accent),
var(--accent2));
  transform-origin: left;
  animation: barGrow 1.2s cubic-bezier(0.4,0,0.2,1)
both;
}

@keyframes barGrow {
  from { transform: scaleX(0); }
  to { transform: scaleX(1); }
}

.html { width: 90%; }
.css { width: 85%; }
.js { width: 80%; }
.jquery { width: 75%; }
.php { width: 65%; }
```

```
.react { width: 60%; }

/* — PROJECTS — */
#projects {
  background:
    radial-gradient(ellipse at 70% 50%,
      rgba(255,101,132,0.06) 0%, transparent 60%),
    var(--deep);
}

.projects-grid {
  display: grid;
  grid-template-columns: repeat(auto-fit,
    minmax(300px, 1fr));
  gap: 28px;
  max-width: 1100px;
  margin: 0 auto 50px;
}

.project-card {
  background: rgba(255,255,255,0.03);
  border: 1px solid rgba(255,255,255,0.07);
  border-radius: 16px;
  overflow: hidden;
  cursor: pointer;
  transition: transform 0.35s, box-shadow 0.35s,
  border-color 0.35s;
  text-align: left;
}

.project-card:hover {
  transform: translateY(-8px);
  box-shadow: 0 20px 60px rgba(0,0,0,0.5);
  border-color: rgba(108,99,255,0.4);
}

.project-card .thumb {
  width: 100%;
  height: 200px;
  object-fit: cover;
  display: block;
```

```
background: linear-gradient(135deg, #1a1a2e,  
#16213e);  
}  
  
/* Placeholder colored thumbnails for projects */  
.project-card .thumb-placeholder {  
width: 100%;  
height: 200px;  
display: flex;  
align-items: center;  
justify-content: center;  
font-size: 60px;  
}  
  
.project-card .card-body { padding: 22px; }  
  
.project-card .card-tag {  
font-size: 11px;  
letter-spacing: 2px;  
text-transform: uppercase;  
color: var(--accent);  
margin-bottom: 10px;  
}  
  
.project-card h3 {  
font-family: 'Playfair Display', serif;  
font-size: 20px;  
font-weight: 700;  
margin-bottom: 10px;  
color: var(--text);  
}  
  
.project-card p {  
font-size: 14px;  
color: var(--muted);  
line-height: 1.6;  
margin-bottom: 18px;  
}  
  
.project-card .tech-tags {  
display: flex;
```

```
flex-wrap: wrap;
gap: 8px;
}

.tech-tag {
  font-size: 11px;
  background: rgba(108,99,255,0.12);
  border: 1px solid rgba(108,99,255,0.25);
  color: var(--accent);
  padding: 3px 10px;
  border-radius: 12px;
  letter-spacing: 1px;
}

/* Preview lightbox */
.preview-modal {
  display: none;
  position: fixed;
  inset: 0;
  background: rgba(0,0,0,0.85);
  z-index: 200;
  align-items: center;
  justify-content: center;
}

.preview-modal.active { display: flex; }

.preview-modal img {
  max-width: 80vw;
  max-height: 80vh;
  border-radius: 12px;
  border: 2px solid var(--accent);
}

.preview-modal .close-btn {
  position: absolute;
  top: 30px; right: 40px;
  font-size: 40px;
  color: white;
  cursor: pointer;
  line-height: 1;
```

```
}

/* — CONTACT — */
#contact { background: var(--dark); }

.contact-form {
  max-width: 560px;
  margin: 0 auto;
  display: flex;
  flex-direction: column;
  gap: 16px;
}

.contact-form input,
.contact-form textarea {
  width: 100%;
  padding: 16px 20px;
  background: rgba(255,255,255,0.04);
  border: 1px solid rgba(255,255,255,0.1);
  border-radius: 8px;
  color: var(--text);
  font-family: 'DM Sans', sans-serif;
  font-size: 15px;
  outline: none;
  transition: border-color 0.3s;
  resize: vertical;
}

.contact-form input:focus,
.contact-form textarea:focus {
  border-color: var(--accent);
}

.contact-form textarea { min-height: 140px; }

.contact-form button {
  padding: 16px;
  background: var(--accent);
  color: white;
  border: none;
  border-radius: 8px;
}
```

```
font-size: 15px;
font-weight: 500;
letter-spacing: 2px;
text-transform: uppercase;
cursor: pointer;
transition: all 0.3s;
}

.social-btns {
  display: flex;
  justify-content: center;
  gap: 20px;
  margin-bottom: 40px;
}

.social-btn {
  display: inline-flex;
  align-items: center;
  gap: 10px;
  padding: 14px 32px;
  border-radius: 8px;
  font-size: 15px;
  font-weight: 500;
  letter-spacing: 1px;
  text-decoration: none;
  transition: all 0.3s;
  border: 2px solid transparent;
}

.insta-btn {
  background: linear-gradient(135deg, #833ab4, #fd1d1d, #fcbo45);
  color: white;
}

.insta-btn:hover {
  transform: translateY(-3px);
  box-shadow: 0 12px 30px rgba(253,29,29,0.35);
  opacity: 0.9;
}
```

```
.git-btn {  
background: rgba(255,255,255,0.05);  
color: var(--text);  
border-color: rgba(255,255,255,0.15);  
}  
  
.git-btn:hover {  
background: #24292e;  
border-color: rgba(255,255,255,0.3);  
transform: translateY(-3px);  
box-shadow: 0 12px 30px rgba(0,0,0,0.4);  
}  
  
.contact-form button:hover {  
background: #5751e0;  
box-shadow: 0 10px 30px rgba(108,99,255,0.35);  
}  
  
/* — FOOTER — */  
footer {  
position: relative;  
z-index: 1;  
text-align: center;  
padding: 30px;  
border-top: 1px solid rgba(255,255,255,0.06);  
color: var(--muted);  
font-size: 13px;  
letter-spacing: 1px;  
}  
  
/* — ANIMATIONS — */  
@keyframes fadeUp {  
from { opacity: 0; transform: translateY(30px); }  
to { opacity: 1; transform: translateY(0); }  
}  
  
@keyframes fadeIn {  
from { opacity: 0; transform: scale(0.95); }  
to { opacity: 1; transform: scale(1); }  
}
```

```
/* scroll reveal */
.reveal {
  opacity: 0;
  transform: translateY(40px);
  transition: opacity 0.7s ease, transform 0.7s ease;
}
.reveal.visible {
  opacity: 1;
  transform: none;
}

@media (max-width: 768px) {
  .home-container { flex-direction: column-reverse;
text-align: center; }
  .home-text { text-align: center; }
  .home-text h1 { font-size: 38px; }
  section { padding: 80px 24px; }
}
</style>
</head>
<body>

<!-- Animated background --&gt;
&lt;canvas id="bg-canvas"&gt;&lt;/canvas&gt;

&lt;nav&gt;
&lt;ul&gt;
&lt;li&gt;&lt;a href="#home"&gt;Home&lt;/a&gt;&lt;/li&gt;
&lt;li&gt;&lt;a href="#about"&gt;About&lt;/a&gt;&lt;/li&gt;
&lt;li&gt;&lt;a href="#skills"&gt;Skills&lt;/a&gt;&lt;/li&gt;
&lt;li&gt;&lt;a href="#projects"&gt;Projects&lt;/a&gt;&lt;/li&gt;
&lt;li&gt;&lt;a href="#contact"&gt;Contact&lt;/a&gt;&lt;/li&gt;
&lt;/ul&gt;
&lt;/nav&gt;

<!-- HOME --&gt;
&lt;section id="home"&gt;
&lt;div class="home-container"&gt;
&lt;div class="home-text"&gt;
  &lt;div class="tag"&gt;◆ Available for Work&lt;/div&gt;
  &lt;h1&gt;Abel&lt;br&gt;&lt;span&gt;Nadar&lt;/span&gt;&lt;br&gt;Web</pre>
```

```
Dev</h1>
  <p>Crafting beautiful, functional web experiences.  
FYIT student passionate about front-end design and  
creative problem solving.</p>
  <a href="#projects" class="btn-primary">View My  
Work</a>
</div>
<div class="profile">
  <div class="profile-ring">
    
  </div>
</div>
</div>
</section>

<!-- ABOUT -->
<section id="about">
  <h2>About Me</h2>
  <p class="about-content reveal">
    I am a passionate web developer who loves creating  
websites and solving real-world problems through  
clean, elegant code. Currently studying FYIT, I'm  
constantly learning and pushing the boundaries of what  
I can build on the web.
  </p>
  <div class="about-stats reveal">
    <div class="stat"><span  
class="num">6+</span><span class="label">Projects  
Built</span></div>
    <div class="stat"><span  
class="num">3</span><span class="label">Core  
Skills</span></div>
    <div class="stat"><span  
class="num">1</span><span class="label">Year  
Experience</span></div>
  </div>
</section>

<!-- SKILLS -->
<section id="skills">
  <h2>My Skills</h2>
```

```
<div class="skills-grid">
  <div class="skill-card reveal">
    <div class="skill-name"><span>HTML / CSS</span><span>90%</span></div>
    <div class="bar"><div class="html"></div></div>
  </div>
  <div class="skill-card reveal">
    <div class="skill-name"><span>CSS Advanced</span><span>85%</span></div>
    <div class="bar"><div class="css"></div></div>
  </div>
  <div class="skill-card reveal">
    <div class="skill-name"><span>JavaScript</span><span>80%</span></div>
    <div class="bar"><div class="js"></div></div>
  </div>
  <div class="skill-card reveal">
    <div class="skill-name"><span>jQuery</span><span>75%</span></div>
    <div class="bar"><div class="jquery"></div></div>
  </div>
  <div class="skill-card reveal">
    <div class="skill-name"><span>PHP</span><span>65%</span></div>
    <div class="bar"><div class="php"></div></div>
  </div>
  <div class="skill-card reveal">
    <div class="skill-name"><span>React</span><span>60%</span></div>
    <div class="bar"><div class="react"></div></div>
  </div>
</section>

<!-- PROJECTS -->
<section id="projects">
  <h2>My Projects</h2>
  <div class="projects-grid">
```

```
<div class="project-card reveal" data-
img="images/1.jpg">
  <div class="thumb-placeholder"
style="background:linear-
gradient(135deg,#1a1a3e,#2d1b69);">  </div>
  <div class="card-body">
    <div class="card-tag">E-Commerce</div>
    <h3>Online Shop UI</h3>
    <p>A fully responsive e-commerce interface with
product listing, cart, and checkout flow.</p>
    <div class="tech-tags">
      <span class="tech-tag">HTML</span>
      <span class="tech-tag">CSS</span>
      <span class="tech-tag">JavaScript</span>
    </div>
  </div>
</div>
```

```
<div class="project-card reveal" data-
img="images/2.jpg">
  <div class="thumb-placeholder"
style="background:linear-
gradient(135deg,#0d2137,#1a4a6e);">  </div>
  <div class="card-body">
    <div class="card-tag">Web App</div>
    <h3>Weather Dashboard</h3>
    <p>Real-time weather app fetching live data via API
with animated weather icons.</p>
    <div class="tech-tags">
      <span class="tech-tag">JavaScript</span>
      <span class="tech-tag">API</span>
      <span class="tech-tag">jQuery</span>
    </div>
  </div>
</div>
```

```
<div class="project-card reveal" data-
img="images/3.jpg">
  <div class="thumb-placeholder"
style="background:linear-
```

```
gradient(135deg,#1foa2b,#4a1269);"> ✓ </div>
<div class="card-body">
  <div class="card-tag">Productivity</div>

  <h3>Task Manager App</h3>
  <p>A drag-and-drop task manager with categories, priorities, and local storage persistence.</p>
  <div class="tech-tags">
    <span class="tech-tag">HTML</span>
    <span class="tech-tag">CSS</span>
    <span class="tech-tag">JS</span>
  </div>
</div>
</div>

<div class="project-card reveal" data-img="images/4.jpg">
  <div class="thumb-placeholder"
  style="background:linear-
gradient(135deg,#0a1foa,#1a4a1a);"> 📄 </div>
  <div class="card-body">
    <div class="card-tag">Blog</div>
    <h3>Blog Platform</h3>
    <p>A clean blog layout with featured posts, categories, author pages, and a reading progress bar.</p>
    <div class="tech-tags">
      <span class="tech-tag">HTML</span>
      <span class="tech-tag">CSS</span>
      <span class="tech-tag">jQuery</span>
    </div>
  </div>
</div>
</div>

<div class="project-card reveal">
  <div class="thumb-placeholder"
  style="background:linear-
gradient(135deg,#1f1aoa,#4a3aoa);"> 💡 </div>
  <div class="card-body">
    <div class="card-tag">Design Tool</div>
```

```
<h3>Color Palette Gen</h3>
<p>Generates beautiful color palettes from a base
color using color theory algorithms.</p>
<div class="tech-tags">
  <span class="tech-tag">JavaScript</span>
  <span class="tech-tag">Canvas API</span>
</div>
</div>
</div>

<div class="project-card reveal">
  <div class="thumb-placeholder"
style="background:linear-
gradient(135deg,#1aoaof,#4a1a2a);"> ♪ </div>
  <div class="card-body">
    <div class="card-tag">Media</div>
    <h3>Music Player UI</h3>
    <p>A stylish music player interface with playlist,
visualizer bars, and playback controls.</p>
    <div class="tech-tags">
      <span class="tech-tag">HTML</span>
      <span class="tech-tag">CSS</span>
      <span class="tech-tag">JavaScript</span>
    </div>
  </div>
</div>
</div>

</div>
</section>

<!-- CONTACT -->
<section id="contact">
  <h2>Contact Me</h2>
  <div class="social-btns reveal">
    <a
    href="https://www.instagram.com/invites/contact/?ut
    m_source=ig_contact_invite&utm_medium=copy_link
    &utm_content=ytnqq4v"> <img width="20" height="20"
    viewBox="0 0 24 24" fill="none"
    stroke="currentColor" stroke-width="2" stroke-
    linecap="round" stroke-linejoin="round"><rect x="2"
```

```
y="2" width="20" height="20" rx="5" ry="5"/><circle  
cx="12" cy="12" r="4"/><circle cx="17.5" cy="6.5" r="1"  
fill="currentColor" stroke="none"/></svg>  
Instagram  
</a>  
<a href="https://github.com/YOUR_USERNAME"  
target="_blank" class="social-btn git-btn">  
    <svg width="20" height="20" viewBox="0 0 24 24"  
fill="currentColor"><path d="M12 2C6.477 2 2 6.484 2  
12.017C0 4.425 2.865 8.18 6.839 9.504.5.092.682-  
.217.682-.483 0-.237-.008-.868-.013-1.703-2.782.605-  
3.369-1.343-3.369-1.343-.454-1.158-1.11-1.466-1.11-  
1.466-.908-.62.069-.608.069-.608 1.003.07 1.531 1.032  
1.531 1.032.892 1.53 2.341 1.088 2.91.832.092-.647.35-  
1.088.636-1.338-2.22-.253-4.555-1.113-4.555-4.951 0-  
1.093.39-1.988 1.029-2.688-.103-.253-.446-1.272.098-  
2.65 0 0 .84-.27 2.75 1.026A9.564 9.564 0 0 1 2  
6.844C.85.004 1.705.115 2.504.337 1.909-1.296 2.747-  
1.027 2.747-1.027.546 1.379.202 2.398.1 2.651.64.7 1.028  
1.595 1.028 2.688 0 3.848-2.339 4.695-4.566  
4.943.359.309.678.92.678 1.855 0 1.338-.012 2.419-.012  
2.747 0 .268.18.58.688.482A10.019 10.019 0 0 0 22  
12.017C22 6.484 17.522 2 12 2z"/></svg>
```

GitHub

```
</a>  
</div>
```

```
<form class="contact-form reveal">  
    <input type="text" placeholder="Your Name">  
    <input type="email" placeholder="Your Email">  
    <textarea placeholder="Your Message"></textarea>  
    <button type="submit">Send Message</button>  
</form>  
</section>
```

```
<footer>
```

```
    <p>© 2026 Abel Nadar – Credits to vedant ❤</p>  
</footer>
```

```
<!-- Lightbox -->
```

```
<div class="preview-modal" id="lightbox">
```

```
<span class="close-btn" id="closeModal">x</span>
<img id="lightboxImg" src="" alt="Project Preview">
</div>

<script src="script.js"></script>
<script>
/* — Animated star/particle background — */
(function() {
    const canvas = document.getElementById('bg-
canvas');
    const ctx = canvas.getContext('2d');
    let W, H, particles = [];

    function resize() {
        W = canvas.width = window.innerWidth;
        H = canvas.height = window.innerHeight;
    }

    function createParticles() {
        particles = [];
        const count = Math.floor((W * H) / 12000);
        for (let i = 0; i < count; i++) {
            particles.push({
                x: Math.random() * W,
                y: Math.random() * H,
                r: Math.random() * 1.5 + 0.3,
                vx: (Math.random() - 0.5) * 0.15,
                vy: (Math.random() - 0.5) * 0.15,
                alpha: Math.random() * 0.5 + 0.1
            });
        }
    }

    function draw() {
        ctx.clearRect(0, 0, W, H);
        particles.forEach(p => {
            p.x += p.vx;
            p.y += p.vy;
            if (p.x < 0) p.x = W;
            if (p.x > W) p.x = 0;
            if (p.y < 0) p.y = H;
        })
    }

    window.addEventListener('resize', resize);
    createParticles();
    draw();
})()
```

```
if (p.y > H) p.y = o;
ctx.beginPath();
ctx.arc(p.x, p.y, p.r, o, Math.PI * 2);
ctx.fillStyle = `rgba(140,130,255,${p.alpha})`;
ctx.fill();
});
requestAnimationFrame(draw);
}

window.addEventListener('resize', () => { resize();
createParticles(); });
resize();
createParticles();
draw();
})();

/* — Scroll reveal — */
(function() {
const els = document.querySelectorAll('.reveal');
const io = new IntersectionObserver(entries => {
entries.forEach(e => {
if (e.isIntersecting) { e.target.classList.add('visible'); }
io.unobserve(e.target); })
}),
{ threshold: 0.12 });
els.forEach(el => io.observe(el));
})();

/* — Project card lightbox — */
$('.project-card').on('click', function() {
const img = $(this).data('img');
if (img) {
$('#lightboxImg').attr('src', img);
$('#lightbox').addClass('active');
}
});
});

$('#closeModal, #lightbox').on('click', function(e) {
if (e.target === this)
$('#lightbox').removeClass('active');
});
```

```
/* — Nav smooth active state — */
$(window).on('scroll', function() {
  const pos = $(this).scrollTop();
  $('section').each(function() {
    const top = $(this).offset().top - 80;
    const bottom = top + $(this).outerHeight();
    if (pos >= top && pos < bottom) {
      const id = $(this).attr('id');
      $('nav
a').removeClass('active').filter(`[href="#${id}"]`).addClass('active');
    }
  });
});
</script>
</body>
</html>
```

5. SYSTEM TESTING AND RESULTS:-

Testing is performed to ensure that the website works properly.

Functional Testing:-

This ensures that all features of the website work correctly.

Examples:

- Navigation menu links work properly.**
- Project cards open preview images.**
- Contact form accepts user input.**

UI Testing:-

The design and layout were tested on different screen sizes to ensure the website is responsive.

Browser Compatibility Testing

The website was tested on different browsers including:

- Google Chrome**
- Mozilla Firefox**
- Microsoft Edge**

Result:-

The portfolio website successfully displays all sections with smooth animations and responsive design. Users can easily navigate the site and view the developer's projects and skills.

6. FUTURE SCOPE AND CONCLUSION:-

Future Scope:-

The project can be improved by adding more features such as:

- Backend integration for the contact form**
- User authentication system**
- Blog section**
- Dark and light mode toggle**
- Hosting the website on a live domain**

Conclusion:-

The portfolio website successfully demonstrates the developer's web development skills and creativity. It provides a professional platform to showcase projects, technical skills, and contact information.

The use of modern design techniques and interactive features enhances the overall user experience.

7. REFERENCES:-

- 1. <https://www.w3schools.com>**
- 2. <https://developer.mozilla.org>**
- 3. <https://jquery.com>**
- 4. <https://fonts.google.com>**
- 5. <https://stackoverflow.com>**

8. GLOSSARY:-

Term	Meaning
HTML	HyperText Markup Language used to create webpage structure
CSS	Cascading Style Sheets used for styling web pages
JavaScript	Programming language used for website interactivity
jQuery	JavaScript library used for easier scripting
UI	User Interface
Responsive Design	Design that adapts to different screen sizes