

# **PROJECT NO.1**

## **Personal Portfolio Website**

### **Submitted By:**

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**Course:** Web Design and Development

**Instructor Name:** Web Design and Development

**Institution:** Lamrin Tech Skills University, Ropar, Punjab

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# Abstract

This project focuses on the design and development of a responsive personal portfolio website aimed at showcasing professional skills, projects, and contact information in a clean and modern user interface. The primary goal of the project is to create a visually appealing and user-friendly website that follows UI/UX design principles and ensures responsiveness across different screen sizes.

The website includes essential sections such as Home, About Me, Portfolio, and Contact, allowing users to easily navigate and understand the developer's background and work. Technologies such as HTML5, CSS3, Bootstrap, and JavaScript were used to structure content, enhance styling, and ensure responsive behavior. The final outcome is a professional portfolio website suitable for freelancers and developers to present their work effectively and improve online presence.

# Objectives

## The main objectives of this project are:

- The main objectives of this project are:
- To design a clean and modern user interface following UI/UX principles
- To develop a fully responsive website compatible with desktop, tablet, and mobile devices
- To showcase personal skills, projects, and professional details in an organized manner
- To implement semantic HTML5 structure for better readability and accessibility
- To enhance user experience through proper layout, typography, and color scheme

## Scope of the Project

- The scope of this project includes:
- Front-end design and development only
- Responsive layout using HTML, CSS, and Bootstrap
- Static website without server-side functionality
- Designed for portfolio presentation and learning purposes
- No backend or database integration

## Tools & Technologies Used

Tool / Technology	Purpose
 HTML5	Page structure and semantic layout
 CSS3	Styling, layout, and animations
 Bootstrap	Responsive grid and UI components
 JavaScript (JS)	Basic interactivity and validation
 VS Code	Code editor
 Chrome DevTools	Testing and debugging

# HTML Structure Overview

- **Document Structure Tags**
- <html> – Root element of the webpage
- <head> – Contains metadata, title, and CSS/JS links
- <title> – Website title shown on browser tab
- <body> – Main visible content
- **Semantic & Layout Tags**
- <header> – Website header with logo and navigation
- <nav> – Navigation menu (Home, About, Portfolio, Contact)
- <main> – Main content area
- <section> – Divides content into logical sections
- <footer> – Footer section with contact details
- **Text & Content Tags**
- <h1>, <h2>, <h3> – Headings
- <p> – Paragraph text
- <span> – Inline text styling
- <strong> – Bold text
- <em> – Italic emphasis
- **Navigation & Media Tags**
- <a> – Links and navigation
- <img> – Images for portfolio and UI
- **Form & Input Tags**
- <form> – Contact form
- <label> – Input field labels
- <input> – Name, email, subject fields
- <textarea> – Message field
- <button> – Submit and action buttons
- **List & Utility Tags**
- <ul> – Navigation list
- <li> – Menu items
- <div> – Layout and grouping

# CSS Styling Strategy

- **Layout & Alignment**
- display: flex
- justify-content
- align-items
- flex-direction
- gap
- Spacing & Sizing
- margin
- padding
- width
- height
- max-width
- **Color & Background**
- color
- background-color
- linear-gradient
- **Typography**
- font-family
- font-size
- font-weight
- line-height
- text-align
- **UI & Effects**
- border
- border-radius
- box-shadow
- cursor
- transition
- **Hover & Interaction**
- :hover
- :focus
- Responsive Design
- @media queries
- Bootstrap grid system

# JavaScript **JS** Usage

- **Core JavaScript Features**
- document.getElementById()
- document.querySelector()
- addEventListener()
- **Form Validation**
- Required field checking
- Email format validation
- Prevent empty form submission
- **User Interaction**
- Button click handling
- Form submit handling
- Alert or message feedback

## Bootstrap Classes & Components Used

- Bootstrap is used to ensure responsiveness and faster UI development.
- Grid system (container, row, col-\*)
- Responsive navbar
- Buttons (btn, btn-primary)
- Forms (form-control)
- Utility classes for spacing and alignment

## Key Features of the Portfolio Website

Feature	Description
<b>Responsive Design</b>	The website adapts seamlessly to different screen sizes including desktop, tablet, and mobile devices using Bootstrap and CSS media queries.
<b>Modern UI Design</b>	A dark-themed interface with golden accent colors provides a professional and visually appealing user experience.
<b>Semantic HTML Structure</b>	HTML5 semantic tags are used to ensure better readability, accessibility, and SEO friendliness.
<b>Smooth Navigation</b>	A fixed navigation bar allows users to easily move between Home, About, Portfolio, and Contact sections.
<b>Portfolio Showcase</b>	Displays featured projects with title, category, description, and project links in a card-based layout.
<b>Interactive Contact Form</b>	Includes input fields for name, email, subject, and message with basic JavaScript validation.
<b>Reusable Components</b>	Sections and layouts are designed in a modular way, making the website easy to update and extend.
<b>Cross-Browser Compatibility</b>	Tested using Chrome DevTools to ensure consistent appearance across modern browsers

## Challenges Faced During Portfolio Website Development

Challenges	Description
<b>Responsive Design</b>	Ensuring the website looked and functioned well across various devices such as desktops, tablets, and smartphones.
<b>Optimizing Performance</b>	Improving page load speed by optimizing images, minifying CSS and JS files.
<b>Form Validation</b>	Implementing user-friendly form validation to enhance the contact form's usability.
<b>UI Consistency</b>	A fixed navigation bar allows users to easily move between Home, About, Portfolio, and Contact sections.
<b>Cross-Browser Compatibility</b>	Testing and making adjustments to ensure the website performs consistently across different browsers.
<b>Writing Clean Code</b>	Writing well-structured, maintainable, and readable code throughout development.
<b>Writing Clean Code</b>	Sections and layouts are designed in a modular way, making the website easy to update and extend.

# Outcome

- Outcome of the Project
- Successfully designed and developed a responsive personal portfolio website using HTML5, CSS3, Bootstrap, and JavaScript.
- Implemented UI/UX design principles such as visual hierarchy, consistency, and usability.
- Achieved cross-device compatibility, ensuring smooth performance on desktop, tablet, and mobile screens.
- Gained hands-on experience in front-end web development and responsive layout design.
- Created a professional platform to showcase skills, projects, and contact information effectively.
- Improved understanding of semantic HTML structure and modern CSS styling techniques.
- 

# Future Enhancements

- Add backend integration (PHP / Node.js) to make the contact form fully functional.
- Implement database connectivity to store contact messages.
- Introduce advanced animations and transitions for better user engagement.
- Add project filtering and sorting using JavaScript.
- Improve SEO optimization for better search engine visibility.
- Enhance performance optimization by lazy loading images and minifying files.
- Deploy the website on platforms like GitHub Pages, Netlify, or Vercel.

# Source Code



```
<!DOCTYPE html>
<html lang="en">

<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Shahid Mushtaq - Web Developer</title>

<!-- Bootstrap CSS -->
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">

<!-- Google Fonts -->
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link href="https://fonts.googleapis.com/css2?family=Playfair+Display:wght@400;500;600;700;900&family=Work+Sans:wght@300;400;500;600&display=swap" rel="stylesheet">

<!-- Bootstrap Icons -->
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.11.1/font/bootstrap-icons.css">

<link rel="stylesheet" href="style.css">
</head>

<body>

<!-- Navbar -->
<nav class="navbar navbar-expand-lg navbar-dark fixed-top">
<div class="container">
<a class="navbar-brand" href="#home">Shahid Mushtaq</a>
<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse justify-content-end" id="navbarNav">
<ul class="navbar-nav">
<li class="nav-item">
<a class="nav-link" href="#home">Home</a>
</li>
<li class="nav-item">
<a class="nav-link" href="#about">About</a>
</li>
<li class="nav-item">
```

```

<a class="nav-link" href="#portfolio">Portfolio</a>
</li>
<li class="nav-item">
<a class="nav-link" href="#contact">Contact</a>
</li>
</ul>
</div>
</div>
</nav>

<!-- Hero Section -->
<section id="home" class="hero-section">
<div class="container">
<div class="hero-content">
<div class="hero-subtitle">Web Developer</div>
<h1 class="hero-title">Shahid Mushtaq<br>Web Developer</h1>
<p class="hero-description">
I am Shahid Mushtaq, a web developer with 3 years of experience in building responsive, user-friendly websites and web applications. I also have basic experience in Python and enjoy learning new technologies.
</p>
<div class="hero-cta">
<a href="#portfolio" class="btn btn-primary-custom">View My Work</a>
<a href="#contact" class="btn btn-secondary-custom">Get In Touch</a>
</div>
</div>
</div>
</div>
</section>

<!-- About Section -->
<section id="about" class="section-padding">
<div class="container">
<h2 class="section-title">About Me</h2>
<p class="section-subtitle">
A brief introduction to who I am and what drives my passion for design and development.
</p>

<div class="about-content">
<div class="about-image-wrapper">

</div>

<div class="about-text">
<h3>Hello, I'm Shahid Mushtaq</h3>

<p>
I am Shahid Mushtaq, a passionate web developer with 3 years of hands-on experience in web development. I specialize in creating responsive, modern, and user-friendly

```

websites using HTML, CSS, JavaScript, and Bootstrap.

</p>

<p>

Along with web development, I have basic knowledge of Python and enjoy exploring backend concepts and problem-solving. My journey in web development started with curiosity and has grown into a strong interest in building real-world projects.

</p>

<p>

I focus on writing clean code, improving performance, and continuously upgrading my skills to stay updated with modern web technologies.

</p>

```
<div class="skills-list">
<span class="skill-tag">HTML</span>
<span class="skill-tag">CSS</span>
<span class="skill-tag">JavaScript</span>
<span class="skill-tag">Bootstrap</span>
<span class="skill-tag">Responsive Web Design</span>
<span class="skill-tag">Web Development</span>
<span class="skill-tag">Basic Python</span>
</div>
</div>
</div>
</div>
</section>
```

<!-- Portfolio Section -->

```
<section id="portfolio" class="section-padding">
<div class="container">
<h2 class="section-title">Portfolio</h2>
<p class="section-subtitle">
A curated selection of my recent work across web design, development, and creative projects.
</p>
```

```
<div class="portfolio-filters">
<button class="filter-btn active" data-filter="all">ALL PROJECTS</button>
<button class="filter-btn" data-filter="web">WEB DEVELOPMENT</button>
<button class="filter-btn" data-filter="development">PYTHON</button>
</div>
```

```
<div class="portfolio-grid">
<!-- Portfolio Item 1 -->
<div class="portfolio-item" data-category="web">

<div class="portfolio-overlay">
<div class="portfolio-category">WEB DEVELOPMENT</div>
<h3 class="portfolio-title"> MiniFlix - Movie Streaming Website </h3>
</div>
```

</div>

<!-- Portfolio Item 2 -->  
<div class="portfolio-item" data-category="development">  
  
<div class="portfolio-overlay">  
<div class="portfolio-category">PYTHON</div>  
<h3 class="portfolio-title">AI Voice Assistant</h3>  
</div>  
<div class="portfolio-info">  
<div class="portfolio-category">PYTHON</div>  
<h3 class="portfolio-title">AI Voice Assistant</h3>  
<p class="portfolio-description">  
A Python-based AI assistant capable of handling voice commands, answering queries, performing tasks, and automating system-level operations using speech recognition and NLP.  
</p>  
<a href="https://github.com/shahid-2153/AI-Assistant" target="\_blank">View Project </a>  
</div>  
</div>

<!-- Portfolio Item 3 -->  
<div class="portfolio-item" data-category="graphic">  
  
<div class="portfolio-overlay">  
<div class="portfolio-category">WEB DEVELOPMENT</div>  
<h3 class="portfolio-title">E-commerce Website</h3>  
</div>  
<div class="portfolio-info">  
<div class="portfolio-category">WEB DEVELOPMENT</div>  
<h3 class="portfolio-title">E-commerce Website</h3>  
<p class="portfolio-description">  
A responsive e-commerce website featuring product listings, cart functionality, and modern UI design built using HTML, CSS, and JavaScript.  
</p>  
<a href="https://github.com/shahid-2153/CYBRO-E-commerce.git" class="portfolio-link">  
View Project <i class="bi bi-arrow-right"></i>  
</a>  
</div>  
</div>

<!-- Portfolio Item 4 -->  
<div class="portfolio-item" data-category="web">  
  
<div class="portfolio-overlay">  
<div class="portfolio-category">WEB DEVELOPMENT</div>  
<h3 class="portfolio-title">Personal Portfolio Website</h3>  
</div>  
<div class="portfolio-info">

```
<div class="portfolio-category">WEB DEVELOPMENT</div>
<h3 class="portfolio-title">Personal Portfolio Website</h3>
<p class="portfolio-description">
A personal portfolio website built to showcase my projects, skills, and experience with a clean,
modern, and responsive design using HTML, CSS, and JavaScript.
</p>
<a href="#" class="portfolio-link">
View Project <i class="bi bi-arrow-right"></i>
</a>
</div>
</div>
</div>
</div>
</div>
</section>
```

```
<!-- Contact Section -->
<section id="contact" class="section-padding">
<div class="container">
<h2 class="section-title">Get In Touch</h2>
<p class="section-subtitle">
Have a project in mind or just want to say hello? I'd love to hear from you.
</p>
```

```
<div class="contact-wrapper">
<div class="contact-info">
<h3>Let's Work Together</h3>
<p>
I'm always open to discussing new projects, creative ideas, or opportunities to be
part of your vision. Feel free to reach out through any of these channels.
</p>
```

```
<div class="contact-details">
<div class="contact-item">
<div class="contact-icon">
<i class="bi bi-envelope"></i>
</div>
<div class="contact-text">
<h4>Email</h4>
<p>shahidmushtaq2155@gmail.com</p>
</div>
</div>
```

```
<div class="contact-item">
<div class="contact-icon">
<i class="bi bi-telephone"></i>
</div>
<div class="contact-text">
<h4>Phone</h4>
<p>+91 7006640090</p>
</div>
</div>
```

```
:root {  
--primary-dark: #1a1a1a;  
--secondary-dark: #2a2a2a;  
--accent-gold: #d4af37;  
--accent-bronze: #cd7f32;  
--text-light: #f5f5f5;  
--text-muted: #a0a0a0;  
--background: #0f0f0f;  
--card-bg: #1c1c1c;  
}  
  
* {  
margin: 0;  
padding: 0;  
box-sizing: border-box;  
}  
  
body {  
font-family: 'Work Sans', sans-serif;  
background: var(--background);  
color: var(--text-light);  
overflow-x: hidden;  
line-height: 1.6;  
}  
  
/* Animated background */  
body::before {  
content: " ";  
position: fixed;  
top: 0;  
left: 0;  
width: 100%;  
height: 100%;  
background:  
radial-gradient(circle at 20% 50%, rgba(212, 175, 55, 0.05) 0%, transparent 50%),  
radial-gradient(circle at 80% 80%, rgba(205, 127, 50, 0.05) 0%, transparent 50%);  
z-index: -1;  
animation: backgroundShift 20s ease infinite;  
}  
  
@keyframes backgroundShift {  
0%, 100% { opacity: 1; }  
50% { opacity: 0.5; }  
}  
  
/* Typography */  
h1, h2, h3, h4, h5, h6 {  
font-family: 'Playfair Display', serif;  
font-weight: 700;
```

```
letter-spacing: -0.02em;  
}  
  
/* Navbar */  
.navbar {  
padding: 1.5rem 0;  
transition: all 0.4s ease;  
background: transparent;  
}  
  
.navbar.scrolled {  
background: rgba(26, 26, 26, 0.95);  
backdrop-filter: blur(10px);  
box-shadow: 0 4px 30px rgba(0, 0, 0, 0.3);  
}  
  
.navbar-brand {  
font-family: 'Playfair Display', serif;  
font-size: 1.8rem;  
font-weight: 900;  
color: var(--accent-gold) !important;  
letter-spacing: -0.03em;  
transition: all 0.3s ease;  
}  
  
.navbar-brand:hover {  
transform: translateX(5px);  
}  
  
.nav-link {  
color: var(--text-light) !important;  
font-weight: 500;  
margin: 0 1rem;  
position: relative;  
transition: all 0.3s ease;  
font-size: 0.95rem;  
letter-spacing: 0.05em;  
text-transform: uppercase;  
}  
  
.nav-link::after {  
content: " ";  
position: absolute;  
bottom: -5px;  
left: 0;  
width: 0;  
height: 2px;  
background: var(--accent-gold);  
transition: width 0.3s ease;  
}
```

```
.nav-link:hover::after {  
width: 100%;  
}  
  
/* Hero Section */  
.hero-section {  
min-height: 100vh;  
display: flex;  
align-items: center;  
position: relative;  
padding: 100px 0 50px;  
}  
  
.hero-content {  
animation: fadeInUp 1s ease;  
}  
  
.hero-subtitle {  
color: var(--accent-gold);  
font-size: 1rem;  
font-weight: 600;  
letter-spacing: 0.15em;  
text-transform: uppercase;  
margin-bottom: 1rem;  
animation: fadeInUp 1s ease 0.2s both;  
}  
  
.hero-title {  
font-size: clamp(3rem, 8vw, 6rem);  
font-weight: 900;  
line-height: 1.1;  
margin-bottom: 1.5rem;  
animation: fadeInUp 1s ease 0.4s both;  
}  
  
.hero-description {  
font-size: 1.2rem;  
color: var(--text-muted);  
max-width: 600px;  
margin-bottom: 2.5rem;  
line-height: 1.8;  
animation: fadeInUp 1s ease 0.6s both;  
}  
  
.hero-cta {  
display: inline-flex;  
gap: 1.5rem;  
animation: fadeInUp 1s ease 0.8s both;  
}  
  
.btn-primary-custom {
```

```
.btn-primary-custom {  
background: var(--accent-gold);  
color: var(--primary-dark);  
padding: 1rem 2.5rem;  
border: none;  
font-weight: 600;  
letter-spacing: 0.05em;  
text-transform: uppercase;  
font-size: 0.9rem;  
transition: all 0.3s ease;  
position: relative;  
overflow: hidden;  
}  
  
}
```

```
.btn-primary-custom::before {  
content: " ";  
position: absolute;  
top: 50%;  
left: 50%;  
width: 0;  
height: 0;  
border-radius: 50%;  
background: rgba(255, 255, 255, 0.3);  
transform: translate(-50%, -50%);  
transition: width 0.6s, height 0.6s;  
}
```

```
.btn-primary-custom:hover::before {  
width: 300px;  
height: 300px;  
}
```

```
.btn-primary-custom:hover {  
transform: translateY(-3px);  
box-shadow: 0 10px 30px rgba(212, 175, 55, 0.4);  
}
```

```
.btn-secondary-custom {  
background: transparent;  
color: var(--text-light);  
padding: 1rem 2.5rem;  
border: 2px solid var(--text-light);  
font-weight: 600;  
letter-spacing: 0.05em;  
text-transform: uppercase;  
font-size: 0.9rem;  
transition: all 0.3s ease;  
}
```

```
.btn-secondary-custom:hover {  
background: var(--text-light);  
}
```

```
.btn-secondary-custom:hover {  
background: var(--text-light);  
color: var(--primary-dark);  
transform: translateY(-3px);  
box-shadow: 0 10px 30px rgba(245, 245, 245, 0.2);  
}
```

```
@keyframes fadeInUp {  
from {  
opacity: 0;  
transform: translateY(30px);  
}  
to {  
opacity: 1;  
transform: translateY(0);  
}  
}
```

```
/* Section Styling */
```

```
.section-padding {  
padding: 100px 0;  
}
```

```
.section-title {  
font-size: clamp(2.5rem, 5vw, 4rem);  
margin-bottom: 1rem;  
position: relative;  
display: inline-block;  
}
```

```
.section-title::after {  
content: " ";  
position: absolute;  
bottom: -10px;  
left: 0;  
width: 60px;  
height: 4px;  
background: var(--accent-gold);  
}
```

```
.section-subtitle {  
color: var(--text-muted);  
font-size: 1.1rem;  
max-width: 700px;  
margin: 2rem 0 4rem;  
}
```

```
/* About Section */
```

```
.about-content {  
display: grid;  
grid-template-columns: 1fr 1fr;
```

```
gap: 4rem;
align-items: center;
}

.about-image-wrapper {
position: relative;
overflow: hidden;
border-radius: 8px;
}

.about-image-wrapper::before {
content: "";
position: absolute;
top: -2px;
left: -2px;
right: -2px;
bottom: -2px;
background: linear-gradient(45deg, var(--accent-gold), var(--accent-bronze));
z-index: -1;
border-radius: 8px;
}

.about-image {
width: 100%;
height: 500px;
object-fit: cover;
border-radius: 8px;
filter: grayscale(20%);
transition: all 0.5s ease;
}

.about-image:hover {
filter: grayscale(0%);
transform: scale(1.05);
}

.about-text h3 {
font-size: 2rem;
margin-bottom: 1.5rem;
color: var(--accent-gold);
}

.about-text p {
color: var(--text-muted);
margin-bottom: 1.5rem;
line-height: 1.8;
}

.skills-list {
display: flex;
flex-wrap: wrap;
```

```
gap: 1rem;
margin-top: 2rem;
}

.skill-tag {
background: var(--card-bg);
color: var(--accent-gold);
padding: 0.6rem 1.2rem;
border-radius: 30px;
font-size: 0.9rem;
font-weight: 500;
border: 1px solid rgba(212, 175, 55, 0.3);
transition: all 0.3s ease;
}
```

```
.skill-tag:hover {
background: var(--accent-gold);
color: var(--primary-dark);
transform: translateY(-3px);
}
```

```
/* Portfolio Section */
```

```
.portfolio-filters {
display: flex;
justify-content: center;
gap: 1rem;
margin-bottom: 3rem;
flex-wrap: wrap;
}
```

```
.filter-btn {
background: transparent;
color: var(--text-light);
border: 2px solid var(--secondary-dark);
padding: 0.7rem 1.8rem;
font-weight: 500;
letter-spacing: 0.05em;
text-transform: uppercase;
font-size: 0.85rem;
cursor: pointer;
transition: all 0.3s ease;
border-radius: 30px;
}
```

```
.filter-btn:hover,
.filter-btn.active {
background: var(--accent-gold);
color: var(--primary-dark);
border-color: var(--accent-gold);
transform: translateY(-2px);
}
```

```
.portfolio-grid {  
  display: grid;  
  grid-template-columns: repeat(auto-fit, minmax(350px, 1fr));  
  gap: 2rem;  
}  
  
.portfolio-item {  
  position: relative;  
  overflow: hidden;  
  border-radius: 8px;  
  background: var(--card-bg);  
  transition: all 0.4s ease;  
  cursor: pointer;  
  opacity: 1;  
  transform: scale(1);  
}  
  
.portfolio-item.hidden {  
  opacity: 0;  
  transform: scale(0.8);  
  height: 0;  
  margin: 0;  
  padding: 0;  
}  
  
.portfolio-item:hover {  
  transform: translateY(-10px);  
  box-shadow: 0 20px 50px rgba(212, 175, 55, 0.2);  
}  
  
.portfolio-image {  
  width: 100%;  
  height: 300px;  
  object-fit: cover;  
  transition: all 0.5s ease;  
}  
  
.portfolio-item:hover .portfolio-image {  
  transform: scale(1.1);  
}  
  
.portfolio-overlay {  
  position: absolute;  
  top: 0;  
  left: 0;  
  width: 100%;  
  height: 100%;  
  background: linear-gradient(to top, rgba(0,0,0,0.9) 0%, transparent 100%);  
  display: flex;  
  flex-direction: column;  
  justify-content: flex-end;
```

```
padding: 2rem;  
opacity: 0;  
transition: opacity 0.4s ease;  
pointer-events: none;  
}  
  
.portfolio-item:hover .portfolio-overlay {  
opacity: 1;  
}  
  
.portfolio-info {  
padding: 1.5rem;  
}  
  
.portfolio-category {  
color: var(--accent-gold);  
font-size: 0.85rem;  
font-weight: 600;  
letter-spacing: 0.1em;  
text-transform: uppercase;  
margin-bottom: 0.5rem;  
}  
  
.portfolio-title {  
font-size: 1.5rem;  
margin-bottom: 0.5rem;  
color: var(--text-light);  
}  
  
.portfolio-description {  
color: var(--text-muted);  
font-size: 0.95rem;  
line-height: 1.6;  
}  
  
.portfolio-link {  
color: var(--accent-gold);  
text-decoration: none;  
font-weight: 600;  
display: inline-flex;  
align-items: center;  
gap: 0.5rem;  
margin-top: 1rem;  
transition: all 0.3s ease;  
}  
  
.portfolio-link:hover {  
gap: 1rem;  
}  
  
/* Contact Section */
```

```
/* Contact Section */
.contact-wrapper {
  display: grid;
  grid-template-columns: 1fr 1fr;
  gap: 4rem;
  align-items: start;
}

.contact-info h3 {
  font-size: 2.5rem;
  margin-bottom: 1.5rem;
}

.contact-info p {
  color: var(--text-muted);
  margin-bottom: 2rem;
  line-height: 1.8;
}

.contact-details {
  display: flex;
  flex-direction: column;
  gap: 1.5rem;
}

.contact-item {
  display: flex;
  align-items: center;
  gap: 1rem;
}

.contact-icon {
  width: 50px;
  height: 50px;
  background: var(--card-bg);
  border-radius: 50%;
  display: flex;
  align-items: center;
  justify-content: center;
  color: var(--accent-gold);
  font-size: 1.3rem;
  border: 2px solid rgba(212, 175, 55, 0.3);
  transition: all 0.3s ease;
}

.contact-item:hover .contact-icon {
  background: var(--accent-gold);
  color: var(--primary-dark);
  transform: rotate(360deg);
}
```

```
.contact-text h4 {  
font-size: 1rem;  
margin-bottom: 0.3rem;  
font-weight: 600;  
}
```

```
.contact-text p {  
margin: 0;  
color: var(--text-muted);  
font-size: 0.95rem;  
}
```

```
.social-links {  
display: flex;  
gap: 1rem;  
margin-top: 2rem;  
}
```

```
.social-link {  
width: 45px;  
height: 45px;  
background: var(--card-bg);  
border-radius: 50%;  
display: flex;  
align-items: center;  
justify-content: center;  
color: var(--text-light);  
font-size: 1.2rem;  
transition: all 0.3s ease;  
text-decoration: none;  
border: 2px solid transparent;  
}
```

```
.social-link:hover {  
background: var(--accent-gold);  
color: var(--primary-dark);  
transform: translateY(-5px);  
border-color: var(--accent-gold);  
}
```

```
/* Contact Form */  
.contact-form {  
background: var(--card-bg);  
padding: 3rem;  
border-radius: 8px;  
border: 1px solid rgba(212, 175, 55, 0.1);  
}
```

```
.form-group {  
margin-bottom: 1.5rem;  
}
```

```
.form-label {  
color: var(--text-light);  
font-weight: 500;  
margin-bottom: 0.5rem;  
display: block;  
font-size: 0.95rem;  
letter-spacing: 0.03em;  
}  
  
.form-control {  
background: var(--secondary-dark);  
border: 2px solid transparent;  
color: var(--text-light);  
padding: 0.9rem 1.2rem;  
font-size: 1rem;  
transition: all 0.3s ease;  
border-radius: 4px;  
}  
  
.form-control:focus {  
background: var(--secondary-dark);  
border-color: var(--accent-gold);  
color: var(--text-light);  
box-shadow: 0 0 0 0.2rem rgba(212, 175, 55, 0.1);  
outline: none;  
}
```

```
.form-control::placeholder {  
color: var(--text-muted);  
}
```

```
textarea.form-control {  
resize: vertical;  
min-height: 150px;  
}
```

```
.submit-btn {  
background: var(--accent-gold);  
color: var(--primary-dark);  
padding: 1rem 3rem;  
border: none;  
font-weight: 600;  
letter-spacing: 0.05em;  
text-transform: uppercase;  
font-size: 0.95rem;  
cursor: pointer;  
transition: all 0.3s ease;  
width: 100%;  
border-radius: 4px;  
}
```

```
.submit-btn:hover {  
background: var(--text-light);  
transform: translateY(-3px);  
box-shadow: 0 10px 30px rgba(212, 175, 55, 0.3);  
}  
  
.submit-btn:disabled {  
opacity: 0.6;  
cursor: not-allowed;  
}  
  
/* Footer */  
.footer {  
background: var(--primary-dark);  
padding: 3rem 0;  
text-align: center;  
border-top: 1px solid rgba(212, 175, 55, 0.1);  
}  
  
.footer p {  
color: var(--text-muted);  
margin: 0;  
font-size: 0.95rem;  
}  
  
.footer-brand {  
font-family: 'Playfair Display', serif;  
font-size: 1.5rem;  
font-weight: 900;  
color: var(--accent-gold);  
margin-bottom: 1rem;  
}  
  
/* Responsive Design */  
@media (max-width: 992px) {  
.about-content,  
.contact-wrapper {  
grid-template-columns: 1fr;  
gap: 3rem;  
}  
  
.hero-title {  
font-size: 3.5rem;  
}  
  
.portfolio-grid {  
grid-template-columns: repeat(auto-fit, minmax(280px, 1fr));  
}  
  
.contact-form {  
padding: 2rem;  
}
```

```
}

@media (max-width: 768px) {
  .nav-link {
    margin: 0.5rem 0;
  }
}

.hero-cta {
  flex-direction: column;
  align-items: stretch;
}

.btn-primary-custom,
.btn-secondary-custom {
  width: 100%;
  text-align: center;
}

.section-padding {
  padding: 60px 0;
}

.hero-title {
  font-size: 2.5rem;
}

.section-title {
  font-size: 2rem;
}

.portfolio-filters {
  justify-content: flex-start;
}

.about-image {
  height: 400px;
}

/* Success Message */
.success-message {
  background: rgba(212, 175, 55, 0.1);
  border: 2px solid var(--accent-gold);
  color: var(--accent-gold);
  padding: 1rem;
  border-radius: 4px;
  margin-bottom: 1rem;
  display: none;
  animation: slideDown 0.5s ease;
}
```

```
}

.success-message.show {
display: block;
}

@keyframes slideDown {
from {
opacity: 0;
transform: translateY(-20px);
}
to {
opacity: 1;
transform: translateY(0);
}
}

/* Scroll to top button */
.scroll-top {
position: fixed;
bottom: 30px;
right: 30px;
width: 50px;
height: 50px;
background: var(--accent-gold);
color: var(--primary-dark);
border: none;
border-radius: 50%;
display: flex;
align-items: center;
justify-content: center;
font-size: 1.5rem;
cursor: pointer;
opacity: 0;
visibility: hidden;
transition: all 0.3s ease;
z-index: 1000;
}

.scroll-top.visible {
opacity: 1;
visibility: visible;
}

.scroll-top:hover {
transform: translateY(-5px);
box-shadow: 0 10px 30px rgba(212, 175, 55, 0.4);
}
```

# **Conclusion**

This project successfully demonstrates the design and development of a personal portfolio website that effectively showcases the user's skills, projects, resume, and contact information in a structured and visually appealing manner. The primary focus of the project was on creating a clean user interface, maintaining visual hierarchy, and ensuring responsiveness across different devices.

Working on this project helped strengthen my front-end development skills, particularly in HTML5, CSS3, Bootstrap, and basic JavaScript. It also enhanced my understanding of UI/UX design principles, layout planning, and user-centric design.

Overall, this project provided valuable hands-on experience in building a professional and responsive web interface.

# **References**

- L&T LMS : <https://learn.lntedutech.com/Landing/MyCourse>

# Screenshot of Final Output

**Shahid Mushtaq**

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ABOUT

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CONTACT

WEB DEVELOPER

# Shahid Mushtaq Web Developer

I am Shahid Mushtaq, a web developer with 3 years of experience in building responsive, user-friendly websites and web applications. I also have basic experience in Python and enjoy learning new technologies.

[VIEW MY WORK](#)

[GET IN TOUCH](#)

**Shahid Mushtaq**

HOME

ABOUT

PORTFOLIO

CONTACT

## About Me

A brief introduction to who I am and what drives my passion for design and development.

### Hello, I'm Shahid Mushtaq

I am Shahid Mushtaq, a passionate web developer with 3 years of hands-on experience in web development. I specialize in creating responsive, modern, and user-friendly websites using HTML, CSS, JavaScript, and Bootstrap.

Along with web development, I have basic knowledge of Python and enjoy exploring backend concepts and problem-solving. My journey in web development started with curiosity and has grown into a strong interest in building real-world projects.

I focus on writing clean code, improving performance, and



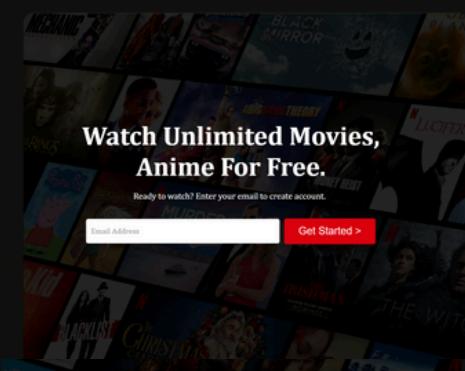


I focus on writing clean code, improving performance, and continuously upgrading my skills to stay updated with modern web technologies.

[HTML](#)[CSS](#)[JavaScript](#)[Bootstrap](#)[Responsive Web Design](#)[Web Development](#)[Basic Python](#)

# Portfolio

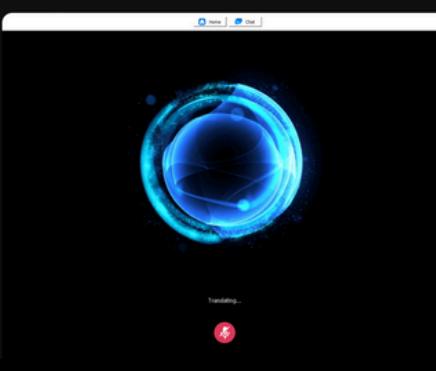
A curated selection of my recent work across web design, development, and creative projects.

[ALL PROJECTS](#)[WEB DEVELOPMENT](#)[PYTHON](#)

## WEB DEVELOPMENT

### MiniFlix - Movie Streaming Website

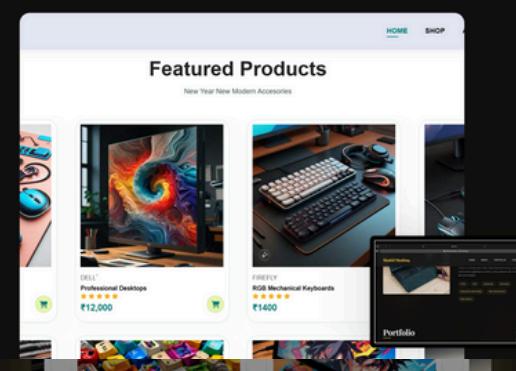
A Netflix-inspired movie streaming frontend built using HTML, CSS, JavaScript & Bootstrap with dynamic content loading, custom video player, and authentication flow.

[View Project →](#)

## PYTHON

### AI Voice Assistant

A Python-based AI assistant capable of handling voice commands, answering queries, performing tasks, and automating system-level operations using speech recognition and NLP.

[View Project →](#)

## WEB DEVELOPMENT

### E-commerce Website

A responsive e-commerce website featuring product listings, cart functionality, and modern UI design built using HTML, CSS, and JavaScript.

## WEB DEVELOPMENT

### E-commerce Website



# Shahid Mushtaq

## b Developer

I am Shahid Mushtaq, a web developer with 3 years of experience in building responsive, user-friendly websites and mobile applications. I also have basic experience in Python and some machine learning technologies.



### WEB DEVELOPMENT

#### Personal Portfolio Website

A personal portfolio website built to showcase my projects, skills, and experience with a clean, modern, and responsive design using HTML, CSS, and JavaScript.

[View Project →](#)

# Shahid Mushtaq

# Get In Touch

Have a project in mind or just want to say hello? I'd love to hear from you.

## Let's Work Together

I'm always open to discussing new projects, creative ideas, or opportunities to be part of your vision. Feel free to reach out through any of these channels.

**Email**[shahidmushtaq2155@gmail.com](mailto:shahidmushtaq2155@gmail.com)**Phone**

+91 7006640090

**Location****Your Name****Your Email****Subject**

**Email**

shahidmushtaq2155@gmail.com

**Phone**

+91 7006640090

**Location**

Jammu and Kashmir, Jammu

**Your Email****Subject****Message**[SEND MESSAGE](#)

# **PROJECT NO.2**

## **Customer Feedback Form**

### **Submitted By:**

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**Course:** Web Design and Development

**Instructor Name:** Web Design and Development

**Institution:** Lamrin Tech Skills University,Ropar,Punjab

**Date of Submission:** 2 January 2026

# **Abstract**

This project focuses on designing and developing a customer feedback form with a clean and user-friendly interface. The main objective of the project is to collect user feedback effectively using an intuitive UI design. The form includes input fields for name and email, a star-based rating system, and a feedback text area. Special emphasis is given to visual clarity, responsiveness, and ease of interaction. The project is built using HTML, CSS, Bootstrap, and JavaScript. The final outcome is a responsive feedback form that works smoothly across different screen sizes and provides a better user experience through interactive elements like star ratings.

# Objectives

## The main objectives of this project are:

- To design a clean and user-friendly feedback form interface
- To implement an interactive star rating system
- To ensure responsiveness across desktop and mobile devices
- To apply UI/UX principles such as alignment, spacing, and readability
- To improve user engagement through simple and intuitive design

## Scope of the Project

- The project is limited to front-end development only
- No backend or database connectivity is implemented
- Feedback submission is handled on the client side
- The project focuses on UI design and user interaction
- Designed for desktop, tablet, and mobile viewports

## Tools & Technologies Used

Tool / Technology	Purpose
HTML5	Markup and content structure
CSS3	Styling and layout management
Bootstrap	Responsive styling and UI components
JavaScript (JS)	Form validation and interactive behavior
VS Code	Code editor
Chrome DevTools	Testing and debugging

# HTML Structure Overview

- <!DOCTYPE html> – Used at the top to declare HTML5 document
- <html lang="en"> – Used to define the webpage language
- <head> – Used to store metadata, title, and external links
- <meta charset="UTF-8"> – Used to support all character types
- <meta name="viewport"> – Used for responsive layout on all devices
- <title> – Used to set browser tab title
- <link> – Used to include Bootstrap CSS, Icons, and style.css
- <body> – Used to display all visible content
- <div class="container"> – Used to center the form on the page
- <div class="feedback-box"> – Used to group feedback form elements
- <h2> – Used for form heading
- <p> – Used for short description text
- <form> – Used to collect user feedback data
- <label> – Used to describe input fields
- <input type="text"> – Used to enter full name
- <input type="email"> – Used to enter email address
- <div class="star-rating"> – Used to display star rating system
- <i> – Used to show star icons for rating selection
- data-value – Used to store rating value for each star
- <input type="hidden"> – Used to store selected rating internally
- <textarea> – Used to enter feedback message
- <button> – Used to submit the feedback form
- <script> – Used to link external JavaScript file (script.js)

# CSS3 Styling Strategy

- body – Used to style the entire webpage
- background-color – Used to set light background color
- font-family – Used to apply Arial font across page
- margin: 0 – Used to remove default browser margin
- .container – Used to center the feedback form
- min-height: 100vh – Used to cover full screen height
- display: flex – Used to enable flexible layout
- justify-content: center – Used to center horizontally
- align-items: center – Used to center vertically
- .feedback-box – Used for feedback card design
- background – Used to set white background
- padding – Used for internal spacing
- max-width – Used to limit card width
- width: 100% – Used for responsiveness
- border-radius – Used to give rounded corners
- box-shadow – Used to create card depth
- .star-rating – Used to align star icons
  - display: flex – Used to place stars in a row
  - gap – Used to create space between stars
  - font-size – Used to increase star size
  - margin-bottom – Used to add spacing below stars
- .star-rating i – Used for individual star icons
  - cursor: pointer – Used to show clickable behavior
  - color: #ccc – Used for default inactive star color
  - transition – Used for smooth hover animation
- .star-rating i:hover – Used when user hovers over stars
  - transform: scale(1.2) – Used to slightly enlarge star
- .star-rating i.active – Used for selected stars
  - color: #f4c150 – Used to show gold-colored active stars

# JavaScript Usage

- `document.addEventListener("DOMContentLoaded")`
- Used to ensure JavaScript runs after HTML is fully loaded
- `console.log()`
- Used to confirm JavaScript file is active
- `querySelectorAll(".star-rating i")`
- Used to select all star icons in the rating section
- `getElementById("rating")`
- Used to access hidden input field for storing rating value
- `getElementById("ratingText")`
- Used to update rating message text below stars
- `addEventListener("click")`
- Used on each star to detect user selection
- `index + 1`
- Used to calculate selected star rating (1 to 5)
- `ratingInput.value`
- Used to store selected rating in hidden input
- `textContent`
- Used to display selected rating message
- `classList.add("active")`
- Used to highlight selected stars
- `classList.remove("active")`
- Used to reset unselected stars
- `classList.replace("bi-star", "bi-star-fill")`
- Used to fill selected star icons
- `classList.replace("bi-star-fill", "bi-star")`
- Used to reset unselected star icons
- `addEventListener("submit")`
- Used to validate form submission
- `e.preventDefault()`
- Used to stop form submission if rating is not selected
- `alert()`
- Used to show validation message to user

## Key Features

Feature	Description
 <b>Responsive Design</b>	- Adapts to desktop, tablet, and mobile screens
 <b>Customer Feedback Form</b>	- Allows users to submit name, email, and feedback
 <b>Star Rating System</b>	- Interactive 1-5 star rating using icons
 <b>Real-Time Rating Display</b>	- Shows selected rating text instantly
 <b>Form Validation</b>	- Prevents submission without selecting a rating
 <b>Clean UI Layout</b>	- Centered card-style design for better readability
 <b>Hover Effects</b>	- Visual feedback on star hover and selection
 <b>Bootstrap Integration</b>	- Consistent spacing and responsive layout
 <b>External CSS &amp; JS</b>	- Improves code organization and maintainability

## Challenges Faced

Challenge	Description
<b>Responsive Design Compatibility</b>	Ensure proper display on different devices and screen sizes
<b>Interactive Star Rating Logic</b>	Implementing clickable star rating with accurate selection
<b>Form Validation Handling</b>	Validating form inputs to prevent incomplete submissions
<b>Cross-Browser Consistency</b>	Ensuring uniform behavior across different browsers
<b>External CSS &amp; JS</b>	Improves code organization and maintainability

# Outcome

- Achieved a clean, consistent, and visually engaging front-end layout
- All key components such as input fields and star rating work as intended
- Implemented a responsive design suitable for different screen sizes
- Improved understanding of UI hierarchy, spacing, and alignment
- Gained practical experience in HTML, CSS, Bootstrap, and JavaScript

# Future Enhancements

- Add advanced JavaScript validation for better form handling
- Display feedback dynamically after form submission
- Integrate animations and transitions for improved user experience
- Connect backend database to store user feedback
- Improve accessibility features such as keyboard navigation

# Source Code



```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Customer Feedback Form</title>
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <!-- Bootstrap CSS -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">

    <!-- Bootstrap Icons -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.11.1/font/bootstrap-icons.css" rel="stylesheet">

    <!-- Custom CSS -->
    <link rel="stylesheet" href="style.css">
</head>
<body>

<div class="container">
    <div class="feedback-box">

        <h2 class="text-center mb-2">Customer Feedback</h2>
        <p class="text-center text-muted mb-4">Please share your experience with us</p>

        <form id="feedbackForm">

            <!-- Full Name -->
            <div class="mb-3">
                <label class="form-label fw-bold">Full Name</label>
                <input type="text" id="name" class="form-control" placeholder="Enter your name" required>
            </div>

            <!-- Email -->
            <div class="mb-3">
                <label class="form-label fw-bold">Email Address</label>
                <input type="email" id="email" class="form-control" placeholder="Enter your email" required>
            </div>

            <!-- Rating -->
            <div class="mb-3">
                <label class="form-label fw-bold d-block">Rating</label>

                <div class="star-rating">
                    <i class="bi bi-star" data-value="1"></i>
```

```
<i class="bi bi-star" data-value="3"></i>
<i class="bi bi-star" data-value="4"></i>
<i class="bi bi-star" data-value="5"></i>
</div>

<!-- Hidden input & rating text -->
<input type="hidden" id="rating">
<small id="ratingText" class="text-muted"></small>
</div>

<!-- Feedback -->
<div class="mb-3">
  <label class="form-label fw-bold">Your Feedback</label>
  <textarea id="feedback" class="form-control" rows="4"
    placeholder="Write your feedback here..." required></textarea>
</div>

<!-- Success Message -->
<div id="message" class="mb-2"></div>

<!-- Submit Button -->
<button type="submit" class="btn btn-primary w-100">
  Submit Feedback
</button>

</form>

</div>
</div>

<!-- Bootstrap JS -->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"></script>

<!-- Custom JS -->
<script src="script.js"></script>

</body>
</html>
```

```
body {  
    background-color: #cbc5c5;  
    font-family: Arial, sans-serif;  
    margin: 0;  
}  
.container {  
    min-height: 100vh;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
}  
.feedback-box {  
    background: #fefefe;  
    padding: 30px;  
    max-width: 600px;  
    width: 100%;  
    border-radius: 10px;  
    box-shadow: 0 0 12px rgba(0,0,0,0.1);  
}  
.star-rating {  
    display: flex;  
    gap: 10px;  
    font-size: 28px;  
    margin-bottom: 5px;  
}  
.star-rating i {  
    cursor: pointer;  
    color: #c0b2b2;  
    transition: transform 0.15s ease;  
}  
.star-rating i:hover {  
    transform: scale(1.2);  
}  
.star-rating i.bi-star-fill {  
    color: #f4c150;  
}  
.btn-primary {  
    background-color: #bc1b02;  
    color: #f8f6f6;  
    border: none;  
}  
.btn-primary:hover {  
    background-color: #bc1b02;  
    color: #010000;  
}
```

```
}

.btn-primary {
    background-color: #bc1b02;
    color: #f8f6f6;
    border: none;
}

.btn-primary:hover {
    background-color: #bc1b02;
    color: #010000;
}
```

# JavaScript JS

```
const form = document.getElementById("feedbackForm");
const ratingInput = document.getElementById("rating");

let selectedRating = 0;

// Star rating click logic
document.querySelectorAll(".star-rating i").forEach(star => {
  star.addEventListener("click", function () {
    selectedRating = this.getAttribute("data-value");
    ratingInput.value = selectedRating;

    document.querySelectorAll(".star-rating i").forEach(s => {
      s.classList.remove("bi-star-fill");
      s.classList.add("bi-star");
    });
  });

  for (let i = 0; i < selectedRating; i++) {
    document.querySelectorAll(".star-rating i")[i].classList.remove("bi-star");
    document.querySelectorAll(".star-rating i")[i].classList.add("bi-star-fill");
  }

  document.getElementById("ratingText").innerText = `Rating: ${selectedRating}`;
});
});

// SUBMIT EVENT
form.addEventListener("submit", function (e) {
  e.preventDefault();

  const name = document.getElementById("name").value;
  const email = document.getElementById("email").value;
  const feedback = document.getElementById("feedback").value;
  const rating = selectedRating;

  console.log("User Submitted Data:");
  console.log("Name:", name);
  console.log("Email:", email);
  console.log("Rating:", rating);
  console.log("Feedback:", feedback);

  document.getElementById("message").innerHTML =
    "<span class='text-success fw-bold'>Feedback submitted successfully!</span>";

  form.reset();
});
```

```
console.log("Feedback:", feedback);

document.getElementById("message").innerHTML =
"<span class='text-success fw-bold'>Feedback submitted successfully!</span>";

form.reset();
});
```

# Screenshot of Final Output

## Customer Feedback

Please share your experience with us

**Full Name**

**Email Address**

**Rating**



Rating: 5

**Your Feedback**

**Submit Feedback**

## Customer Feedback

Please share your experience with us

### Full Name

Enter your name

### Email Address

Enter your email

### Rating



Rating: 5

### Your Feedback

Write your feedback here...

Feedback submitted successfully!

[Submit Feedback](#)

The screenshot shows the Google Chrome DevTools interface. The Elements tab is selected. In the bottom right corner of the DevTools, there is a "What's new" card for DevTools 143, which includes a "MCP server" link. The main content area shows the following text in the console log:

```
Live reload enabled. index.html:110
Content Script Bridge: Sending response back to page content-scripts.js:1
context: > Object
User Submitted Data ↴
Name: Abhinav jassi script.js:36
Email: 24100110002.uset@ltsu.ac.in script.js:37
Rating: 5 script.js:38
Feedback: Nice script.js:39
> cmd i to turn on code suggestions. Don't show again NEW
```

# **Conclusion**

This project successfully demonstrates the design and development of a user-friendly customer feedback form focused on usability, clarity, and accessibility. The form allows users to submit feedback efficiently through well-structured input fields and a simple, intuitive layout. Special emphasis was placed on maintaining a clean user interface, readable typography, and responsive design to ensure smooth interaction across different devices.

Working on this project helped strengthen understanding of front-end development concepts using HTML5, CSS3, Bootstrap, and basic JavaScript validation. It also provided practical exposure to UI/UX principles, such as form design, user flow, and input validation. Overall, this project serves as a strong foundation for building more advanced web interfaces and demonstrates the importance of user-centric design in web applications.

# **References**

- L&T LMS : <https://learn.lntedutech.com/Landing/MyCourse>