

## Portfolio website

This portfolio website program is a fully responsive single-page web application developed using HTML5, CSS3, and Bootstrap 5 framework. The structure of the website is built using semantic HTML elements such as `<nav>`, `<section>`, `<div>`, and `<footer>`, which organize the content into meaningful sections including Home, About, Skills, Projects, and Contact.

The layout is enhanced using Bootstrap's grid system, which ensures responsiveness across different screen sizes such as mobile, tablet, and desktop devices. The navigation bar is fixed at the top of the page and uses Bootstrap's collapse component to create a responsive menu that adjusts automatically on smaller screens. Smooth scrolling behavior is enabled using CSS (`scroll-behavior: smooth`) to improve user experience.

The Hero section uses a linear gradient background created with CSS, along with Flexbox alignment to center content vertically and horizontally. Call-to-action buttons are styled using Bootstrap button classes to maintain consistency and modern design standards.

The Skills section uses Bootstrap progress bars to visually represent proficiency levels. These progress bars are styled with contextual background colors and width percentages defined inline to reflect skill levels dynamically.

The Projects section uses Bootstrap card components arranged in a responsive grid layout. Each card includes a title, description, and button. A hover animation effect is implemented using CSS transitions and transform properties to create an interactive user experience.

The Contact section contains structured contact information and social media icons integrated using Bootstrap Icons library. The footer section provides a clean and minimal closing layout with centered text.

Overall, the program demonstrates fundamental frontend development concepts such as responsive design, layout structuring, CSS styling, hover effects, UI components, and framework integration. It is a well-organized, modern, and user-friendly portfolio template suitable for showcasing projects and technical skills professionally.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
```

```
<title>Nisarga H.R. | Software Engineer</title>

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<!-- 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">

<style>

    html {
        scroll-behavior: smooth;
    }

    body {
        font-family: 'Segoe UI', sans-serif;
    }

    .navbar {
        background: rgba(0,0,0,0.8);
    }

    .navbar a {
        color: white !important;
        font-weight: 500;
    }


```

```
}
```

```
.hero {  
    height: 100vh;  
    background: linear-gradient(to right, #0d6efd, #6610f2);  
    color: white;  
    display: flex;  
    align-items: center;  
    text-align: center;  
}
```

```
.hero h1 {  
    font-size: 3rem;  
    font-weight: bold;  
}
```

```
section {  
    padding: 80px 0;  
}
```

```
.section-title {  
    font-weight: bold;  
    margin-bottom: 40px;  
}
```

```
.skill-progress {
```

```
margin-bottom: 20px;  
}  
  
.project-card {  
    transition: 0.3s;  
}  
  
.project-card:hover {  
    transform: translateY(-10px);  
    box-shadow: 0 10px 25px rgba(0,0,0,0.2);  
}  
  
footer {  
    background: #212529;  
    color: white;  
    text-align: center;  
    padding: 20px;  
}  
  
.social-icons a {  
    color: white;  
    margin: 0 10px;  
    font-size: 20px;  
}  
  
</style>  
</head>
```

```
<body>

<!-- Navbar -->

<nav class="navbar navbar-expand-lg fixed-top">
  <div class="container">
    <a class="navbar-brand text-white" href="#">Nisarga H.R.</a>

    <button class="navbar-toggler bg-light" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav">
      <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarNav">
      <ul class="navbar-nav ms-auto">
        <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="#skills">Skills</a></li>
        <li class="nav-item"><a class="nav-link" href="#projects">Projects</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">  
  <div class="container">  
    <h1>Hello, I'm Nisarga H.R.</h1>  
    <p class="lead">BCA Student | Aspiring Software Engineer | Python & Web  
Developer</p>  
    <a href="#projects" class="btn btn-light m-2">View Projects</a>  
    <a href="#contact" class="btn btn-outline-light m-2">Hire Me</a>  
  </div>  
</section>
```

```
<!-- About Section -->  
<section id="about">  
  <div class="container text-center">  
    <h2 class="section-title">About Me</h2>  
    <p>  
      I am a passionate BCA student aiming to become a software engineer.  
      I am continuously improving my programming skills in Python, Java,  
      and Web Development. I enjoy building responsive websites and solving real-world  
problems.  
    </p>  
  </div>  
</section>
```

```
<!-- Skills Section -->  
<section id="skills" class="bg-light">  
  <div class="container">  
    <h2 class="section-title text-center">Technical Skills</h2>
```

```
<div class="skill-progress">
    <label>HTML</label>
    <div class="progress">
        <div class="progress-bar bg-primary" style="width: 90%">90%</div>
    </div>
</div>

<div class="skill-progress">
    <label>CSS</label>
    <div class="progress">
        <div class="progress-bar bg-success" style="width: 85%">85%</div>
    </div>
</div>

<div class="skill-progress">
    <label>Bootstrap</label>
    <div class="progress">
        <div class="progress-bar bg-info" style="width: 80%">80%</div>
    </div>
</div>

<div class="skill-progress">
    <label>Python</label>
    <div class="progress">
        <div class="progress-bar bg-warning" style="width: 75%">75%</div>
```

```
</div>

</div>

<div class="skill-progress">
  <label>Java</label>
  <div class="progress">
    <div class="progress-bar bg-danger" style="width: 70%">70%</div>
  </div>
</div>

</div>
</section>

<!-- Projects Section -->
<section id="projects">
  <div class="container">
    <h2 class="section-title text-center">Projects</h2>

    <div class="row g-4">
      <div class="col-md-4">
        <div class="card project-card">
          <div class="card-body">
            <h5 class="card-title">Responsive Portfolio</h5>
            <p class="card-text">Built using HTML, CSS, and Bootstrap with full responsiveness.</p>

```

```
<a href="#" class="btn btn-primary btn-sm">GitHub</a>

</div>
</div>
</div>

<div class="col-md-4">
<div class="card project-card">
<div class="card-body">
<h5 class="card-title">Python Mini Project</h5>
<p class="card-text">Logic-based project demonstrating programming fundamentals.</p>
<a href="#" class="btn btn-primary btn-sm">GitHub</a>
</div>
</div>
</div>

<div class="col-md-4">
<div class="card project-card">
<div class="card-body">
<h5 class="card-title">Web Application</h5>
<p class="card-text">Beginner-level web app with clean UI and functionality.</p>
<a href="#" class="btn btn-primary btn-sm">GitHub</a>
</div>
</div>
</div>
```

```
</div>

</div>

</section>

<!-- Contact Section --&gt;

&lt;section id="contact" class="bg-light"&gt;
  &lt;div class="container text-center"&gt;
    &lt;h2 class="section-title"&gt;Contact Me&lt;/h2&gt;
    &lt;p&gt;Email: nisarga@example.com&lt;/p&gt;
    &lt;p&gt;Phone: +91 XXXXX XXXXX&lt;/p&gt;

    &lt;div class="social-icons"&gt;
      &lt;a href="#"&gt;&lt;i class="bi bi-github"&gt;&lt;/i&gt;&lt;/a&gt;
      &lt;a href="#"&gt;&lt;i class="bi bi-linkedin"&gt;&lt;/i&gt;&lt;/a&gt;
      &lt;a href="#"&gt;&lt;i class="bi bi-envelope"&gt;&lt;/i&gt;&lt;/a&gt;
    &lt;/div&gt;
  &lt;/div&gt;
&lt;/section&gt;

<!-- Footer --&gt;

&lt;footer&gt;
  &lt;p&gt;© 2026 Nisarga H.R. | Designed with ❤&lt;/p&gt;
&lt;/footer&gt;

<!-- Bootstrap JS --&gt;</pre>
```

```
<script  
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"></script>  
  
</body>  
</html>
```



