MICRO
Information Technology Services

Batch-32

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Course Name : Interships

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Internship Type: Online

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Abstract

This project is a Basic Web Portfolio designed using HTML, CSS, and JavaScript. It serves as a personal website to showcase an individual's profile, projects, and contact information. The website includes smooth navigation and a responsive design that enhances user experience. It provides a practical demonstration of front-end development skills.

Introduction

- A portfolio website is a digital resume that highlights an individual's professional skills and projects.
- This project helps create an online presence and showcases technical capabilities.
- Developed using HTML for structure, CSS for styling, and JavaScript for smooth scrolling.

Objectives

- To create a simple, responsive, and attractive personal web portfolio.
- To provide clear navigation to sections like About, Projects, and Contact.
- To demonstrate knowledge of front-end web development technologies.
- To enable smooth scrolling using JavaScript for a better user experience.

Project 2: Basic Web Portfolio

- **Purpose:** Showcase personal projects and contact info
- **Technologies:** HTML, CSS, JavaScript
- **Sections:** Home, About, Projects, Contact
- **Description:** A personal website with sections like Home, About, Projects & Contact.

Web Portfolio - HTML Structure

```
<header>
  <h1>Kavya</h1>
  <nav>
    <a href="#about">About</a>
    <a href="#projects">Projects</a>
    <a href="#contact">Contact</a>
  </nav>
</header>

<section id="about">
  <h2>About Me</h2>
  <p>Hello! I'm Kavya, an aspiring developer with a passion for web and software
technologies.</p>
</section>
```

```
<section id="projects">
  <h2>Projects</h2>
  <ul>
    <li><strong>Student Record System</strong> – A Python-based CLI app for managing student data</li>
    <li><strong>Web Portfolio</strong> – This responsive site showcasing my work</li>
  </ul>
</section>

  <section id="contact">
    <h2>Contact</h2>
    <p>Email: kavya@example.com</p>
  </section>
```

```
<footer>
  <p>© 2025 Kavya's Portfolio</p>
</footer>
```

CSS:

```
body {
  font-family: Arial, sans-serif;
  margin: 0;
  background-color: #f8f9fa;
  color: #333;
}

header {
  background-color: #007acc;
  color: white;
  padding: 1rem;
  display: flex;
  justify-content: space-between;
  align-items: center;
}
```

```
nav a {
 color: white;
 text-decoration: none;
```

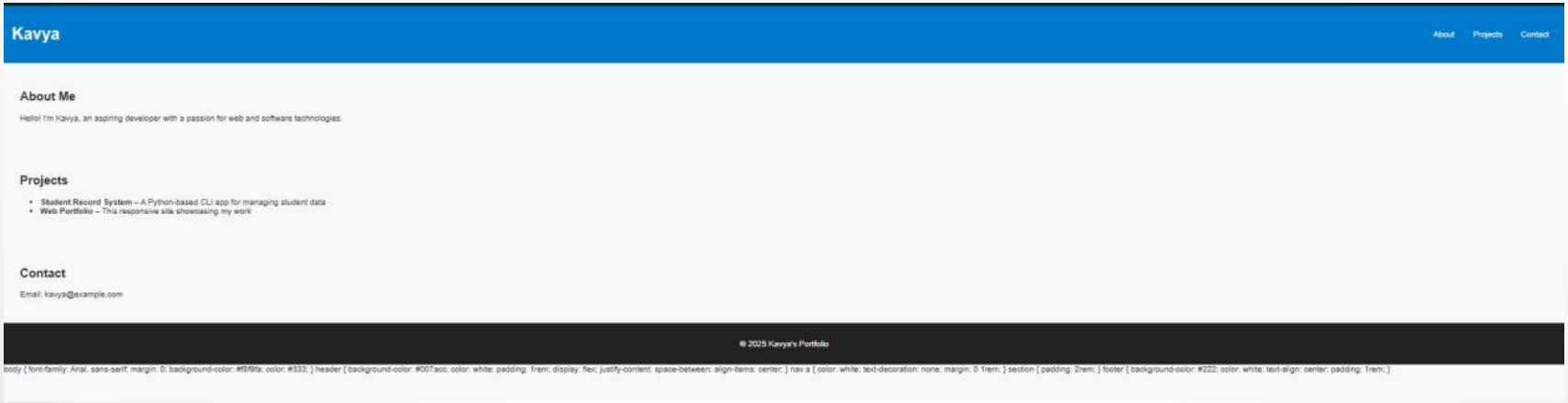
```
    margin: 0 1rem;
  }

  section {
    padding: 2rem;
  }
```

```
footer {
  background-color: #222;
  color: white;
  text-align: center;
  padding: 1rem;
}
```

JavaScript:

```
document.querySelectorAll('a[href^="#"]').forEach(link => {
 link.addEventListener("click", function(e) {
  e.preventDefault();
  const target = document.querySelector(this.getAttribute("href"));
  if (target) {
   target.scrollIntoView({ behavior: "smooth" });
  }
 });
});
```

OUTPUT



Advantages

- Easy to maintain and update.
- Improves online visibility and professional branding.
- Fully responsive and compatible with modern browsers.
- Smooth navigation enhances user interaction.
- Minimalistic design ensures fast loading.

Applications

- Personal Branding
- Showcasing Projects and Skills
- Can be used by freelancers, developers, designers, and students.
- Serves as an online resume to share with potential employers.

Challenges Faced:

- Designing a layout that is both visually appealing and functional.
- Ensuring the website is fully responsive on different screen sizes.
- Implementing smooth scrolling behavior using JavaScript.
- Managing consistent color schemes and typography for better readability.

Summary

- Created a responsive personal web portfolio using HTML, CSS, and JavaScript.
- Features smooth scrolling and a clear section-based layout.
- Provides a foundation to further enhance with animations, more projects, and backend integration if needed.

THANK YOU!