



Práctica 3: Bootstrap

APLICACIONES WEB

Alejandro Vargas Lazcano

Matricula: 2511125231

Grupo:04_01

Profesora: Diana Xochitl Ruano
Varga

Carrera: Ingenieria en
Tecnologias de la Información
e Innovaciòn Digital

Fecha: 21/01/2026

SECCIÓN A: Integrar Bootstrap al proyecto

The screenshot shows a code editor interface with the following details:

- File Path:** C:\Practicas\Web_AlejandroVergaraLazca\Practica_02\index.html
- Content:**

```
<!DOCTYPE html>
<html lang="es">
  <head>
    <meta charset="UTF-8">
    <title>Practica 02 - Front End</title>
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-YfHQ4ILFv473l6c92d80/P4J38+H7qkQmugkuAwNlzeN8tESYBujzqjLB" crossorigin="anonymous">
  </head>
  <body>
    <header>
      <h1>Mi sitio web</h1>
    </header>
    <nav>
      <a href="#">Inicio</a>
      <a href="#">Servicios</a>
      <a href="#">Contacto</a>
    </nav>
    <main>
      <section>
        <h2>Bienvenido</h2>
        <p>Esta es mi primera interfaz web desarrollada con HTML y CSS.</p>
        
      </section>
      <aside>
        <h3>Información secundaria</h3>
        
      </aside>
    </main>
    <footer>
      <p>© 2026 Aplicaciones Web</p>
    </footer>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js" integrity="sha384-YfHQ4ILFv473l6c92d80/P4J38+H7qkQmugkuAwNlzeN8tESYBujzqjLB" crossorigin="anonymous"></script>
  </body>
</html>
```
- Explorer:** Shows files like index.html, styles.css, img1.jpg, img2.jpg, and .gitattributes.
- Build with Agent:** A sidebar with the message "AI responses may be inaccurate. Generate Agent instances to onboard AI onto your codebase."

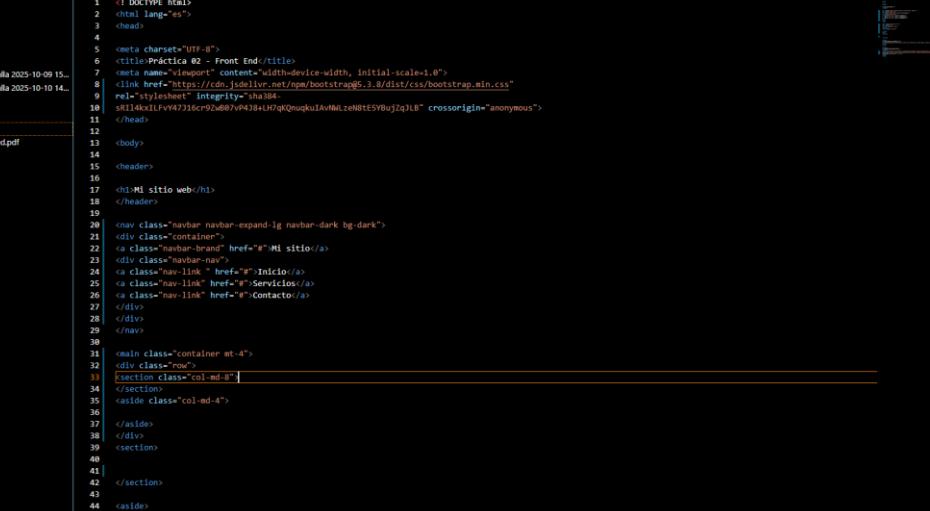
SECCIÓN B: Mejorar el layout usando Bootstrap Grid

The screenshot shows a code editor interface with the following details:

- File Path:** C:\Practicas\Web_AlejandroVergaraLazca\Practica_02\index.html
- Content:**

```
<!DOCTYPE html>
<html lang="es">
  <head>
    <meta charset="UTF-8">
    <title>Practica 02 - Front End</title>
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-YfHQ4ILFv473l6c92d80/P4J38+H7qkQmugkuAwNlzeN8tESYBujzqjLB" crossorigin="anonymous">
  </head>
  <body>
    <header>
      <h1>Mi sitio web</h1>
    </header>
    <nav>
      <a href="#">Inicio</a>
      <a href="#">Servicios</a>
      <a href="#">Contacto</a>
    </nav>
    <main>
      <div class="container mt-4">
        <div class="row">
          <div class="col-md-8">
            <section>
              <h2>Bienvenido</h2>
              <p>Esta es mi primera interfaz web desarrollada con HTML y CSS.</p>
              
            </section>
            <aside class="col-md-4">
              <h3>Información secundaria</h3>
              
            </aside>
          </div>
        </div>
      </div>
    </main>
    <footer>
      <p>© 2026 Aplicaciones Web</p>
    </footer>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js" integrity="sha384-YfHQ4ILFv473l6c92d80/P4J38+H7qkQmugkuAwNlzeN8tESYBujzqjLB" crossorigin="anonymous"></script>
  </body>
</html>
```
- Explorer:** Shows files like index.html, styles.css, img1.jpg, img2.jpg, and .gitattributes.
- Build with Agent:** A sidebar with the message "AI responses may be inaccurate. Generate Agent instances to onboard AI onto your codebase."

SECCIÓN C: Mejorar la navegación



The screenshot shows a browser window with the following details:

- Title Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Address Bar:** index.html
- Page Content:** A 404 error page titled "404 - Not Found". It includes a link to "Práctica 02" and a "Back" button.
- Left Sidebar (File Explorer):**
 - OPEN EDITORS: 1 Unsaved
 - PRACTICAL WEB ALFREDO VARGAS LAZARO
 - Práctica 01
 - Práctica 02
 - css
 - # styles.css
 - img
 - Captura de pantalla 2025-10-09 15...
 - Captura de pantalla 2025-10-10 14...
 - img1.jpg
 - img2.jpg
 - index.html
 - Práctica_02_merged.pdf
 - .gitattributes
- Bottom Status Bar:** Blame Paused, Not Committed Yet, Ln 33, Col 27, Spaces: 4, UTF-8, CRLF, HTML, Go Live, Better!

SECCIÓN D: Convertir contenido en Cards

The screenshot shows a browser window with the following details:

- File Explorer:** Shows files like 'index.html', 'styles.css', 'img1.jpg', and 'img2.jpg'. A file named 'Práctica_02_merged.pdf' is also listed.
- Code Editor:** Displays the HTML code for 'index.html'. The code uses Bootstrap classes for styling, including 'navbar-expand-lg', 'bg-dark', 'card mb-3', and 'img-fluid rounded mx-auto d-block'.
- Output:** Shows the rendered HTML output with the Bootstrap styles applied.
- Bottom Bar:** Includes icons for file operations (New, Open, Save, Print, Find, Copy, Paste, Find Next, Find Previous, Find All, Find and Replace, Find and Replace All, Find and Replace All in Selection), a status message 'Blame Paused', and file statistics ('Ln 43 Col 7 Spaces:4 UTF-8 CRLF').

SECCIÓN E: Mejorar el aside

File Edit Selection View Go Run Terminal Help

OPEN EDITORS | Unsaved

Práctica 02 > index.html > index.html # styles.css img1.jpg img2.jpg

Práctica Web_AlejandroVergelLacca

```

<!DOCTYPE html>
<html lang="es">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Práctica 02 - Bienvenido</title>
  </head>
  <body>
    <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
      <div class="container">
        <ul class="navbar-nav">
          <li class="nav-item"><a class="nav-link" href="#">Inicio</a></li>
          <li class="nav-item"><a class="nav-link" href="#">Servicios</a></li>
          <li class="nav-item"><a class="nav-link" href="#">Contacto</a></li>
        </ul>
      </div>
    </nav>
    <div class="container mt-4">
      <div class="row">
        <div class="col-md-8">
          <div class="card mb-3">
            <div class="card-body">
              <h5 class="card-title">Bienvenido</h5>
              <p class="card-text">Esta es mi primera interfaz web mejorada con Bootstrap.</p>
              
            </div>
          </div>
          <div class="card mb-3">
            <div class="card-body">
              <h5 class="card-title">Información secundaria</h5>
              <p class="card-text">Contenido adicional</p>
              <a href="#" class="btn btn-primary">Acceder</a>
            </div>
          </div>
        </div>
        <div class="col-lg-4 col-md-6 d-md-block d-none">
          <div class="card" style="width: auto;">
            
            <div class="card-body">
              <h5 class="card-title">Información secundaria</h5>
              <p class="card-text">Contenido adicional</p>
              <a href="#" class="btn btn-primary">Acceder</a>
            </div>
          </div>
        </div>
      </div>
    </div>
    <div class="text-center p-3">
      <p class="mb-0" style="font-size: small;">© 2026 Aplicaciones Web</p>
    </div>
  </body>
</html>

```

You 5 days ago Not Committed Yet In 6, Col 7 Spaces:4 UTF-8 CRLF HTML Go Live Prettier

SECCIÓN F: Mejorar el footer

File Edit Selection View Go Run Terminal Help

OPEN EDITORS | Unsaved

Práctica 02 > index.html > index.html # styles.css img1.jpg img2.jpg

Práctica Web_AlejandroVergelLacca

```

<!DOCTYPE html>
<html lang="es">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Práctica 02 - Bienvenido</title>
  </head>
  <body>
    <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
      <div class="container">
        <ul class="navbar-nav">
          <li class="nav-item"><a class="nav-link" href="#">Inicio</a></li>
          <li class="nav-item"><a class="nav-link" href="#">Servicios</a></li>
          <li class="nav-item"><a class="nav-link" href="#">Contacto</a></li>
        </ul>
      </div>
    </nav>
    <div class="container mt-4">
      <div class="row">
        <div class="col-md-8">
          <div class="card mb-3">
            <div class="card-body">
              <h5 class="card-title">Bienvenido</h5>
              <p class="card-text">Esta es mi primera interfaz web mejorada con Bootstrap.</p>
              
            </div>
          </div>
          <div class="card mb-3">
            <div class="card-body">
              <h5 class="card-title">Información secundaria</h5>
              <p class="card-text">Contenido adicional</p>
              <a href="#" class="btn btn-primary">Acceder</a>
            </div>
          </div>
        </div>
        <div class="col-lg-4 col-md-6 d-md-block d-none">
          <div class="card" style="width: auto;">
            
            <div class="card-body">
              <h5 class="card-title">Información secundaria</h5>
              <p class="card-text">Contenido adicional</p>
              <a href="#" class="btn btn-primary">Acceder</a>
            </div>
          </div>
        </div>
      </div>
    </div>
    <div class="text-center p-3">
      <p class="mb-0" style="font-size: small;">© 2026 Aplicaciones Web</p>
    </div>
  </body>
</html>

```

You 5 days ago Not Committed Yet In 6, Col 19 Spaces:4 UTF-8 CRLF HTML Go Live Prettier

ENTREGABLES

