

Making Pages Interactive with JavaScript-enabled Components



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Overview



Using interactive components

Adding interactive components to our site

- Carousel
- Dropdown
- Offcanvas
- Toast
- Dialog



Using Interactive Components





Interactive Bootstrap components

Added through JavaScript

Comes with Bootstrap download
or via CDN

Not all components require this!



```
bootstrap/
├── css/
│   ├── bootstrap.css
│   ├── bootstrap.css.map
│   ├── bootstrap.min.css
│   ├── bootstrap.min.css.map
│   ├── ...
│   ├── bootstrap.rtl.css
│   ├── bootstrap-grid.css
│   ├── bootstrap-grid.rtl.css
│   ├── bootstrap-reboot.css
│   ├── bootstrap-reboot.rtl.css
│   ├── bootstrap-utilities.rtl.css
│   └── bootstrap-utilities.rtl.css
└── js/
    ├── bootstrap.bundle.js
    ├── bootstrap.bundle.js.map
    ├── bootstrap.bundle.min.js
    ├── bootstrap.bundle.min.js.map
    ├── bootstrap.esm.js
    ├── bootstrap.esm.js.map
    ├── bootstrap.esm.min.js
    ├── bootstrap.esm.min.js.map
    ├── bootstrap.js
    ├── bootstrap.js.map
    ├── bootstrap.min.js
    └── bootstrap.min.js.map
```



```
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    ├── bootstrap.esm.min.js  
    ├── bootstrap.esm.min.js.map  
    ├── bootstrap.js  
    ├── bootstrap.js.map  
    ├── bootstrap.min.js  
    └── bootstrap.min.js.map
```



```
<script
  src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
  integrity="sha384-MrcW6ZMFY1zcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
  crossorigin="anonymous">
</script>
```

Bringing in the Correct JavaScript Reference

Adding Interactive Components to Our Site





Welcome to Bethany's Pie Shop

Home to the best pies on the internet.

— — —



Creating a Carousel

```
<div id="welcomeCarousel" class="carousel slide" data-bs-ride="carousel">
  <div class="carousel-inner">
    <div class="carousel-item active">
      
    </div>
    <div class="carousel-item">
      
    </div>
    <div class="carousel-item">
      
    </div>
  </div>
</div>
```



Options for the Carousel

ride

interval

keyboard

pause

wrap

touch




```
<div id="welcomeCarousel" class="carousel slide carousel-fade"  
data-bs-ride="carousel">
```

Creating a Cross-fade Effect

Extra CSS class added



Demo







Adding the Carousel component to the home page

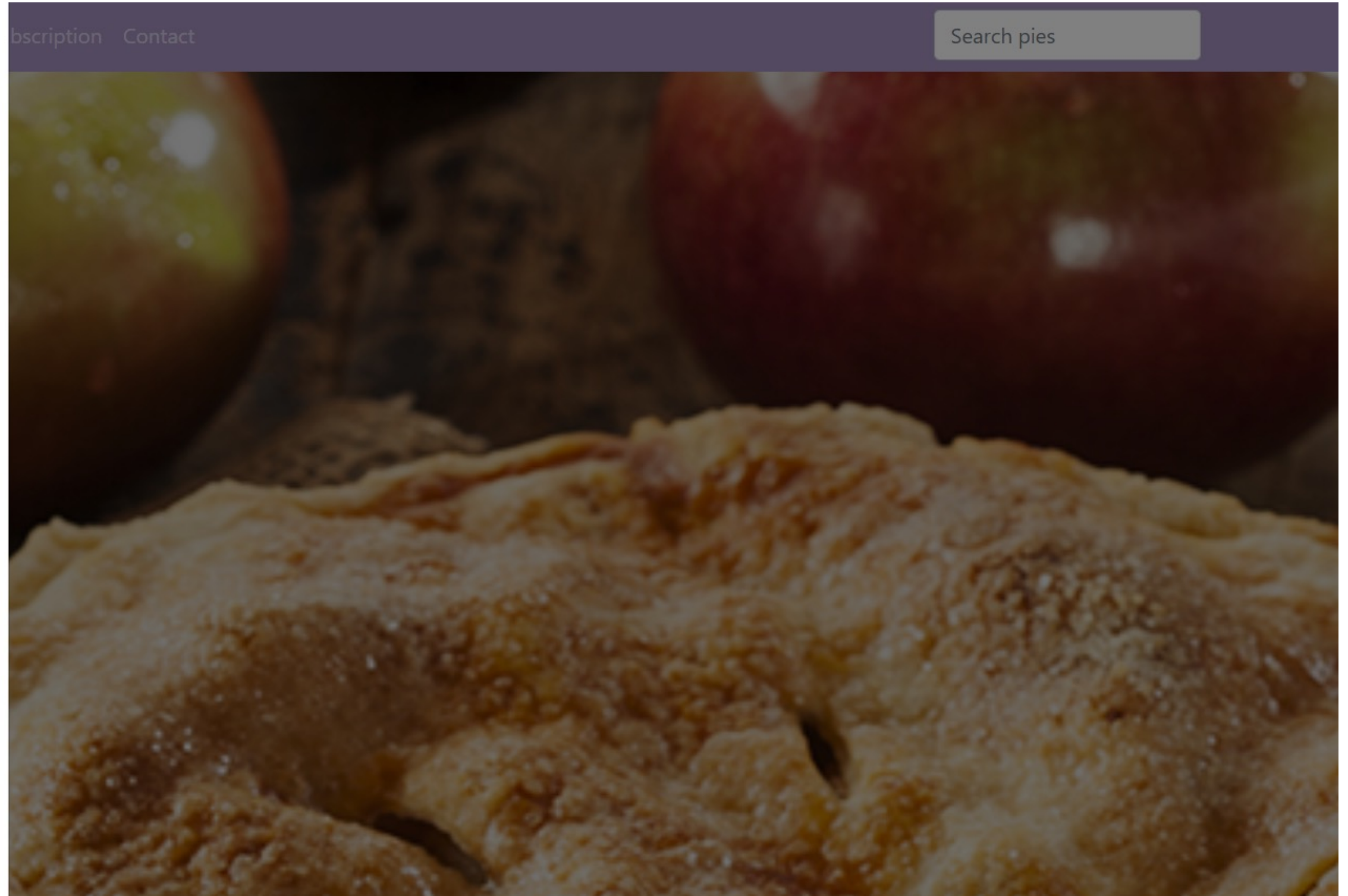


The Offcanvas Component

Your shopping cart

[Subscription](#) [Contact](#)

Pie name	Quantity	Price	Total
 Pumpkin pie Status: In Stock	<input type="text" value="2"/>	\$14.95	\$29.90 
 Apple pie Status: Last items	<input type="text" value="1"/>	\$14.95	\$14.95 
Subtotal			\$44.85
Shipping			\$10.00
Total			\$54.85



The Offcanvas Component

Sidebar

Similar to dialog

**Left, right, top or
bottom**



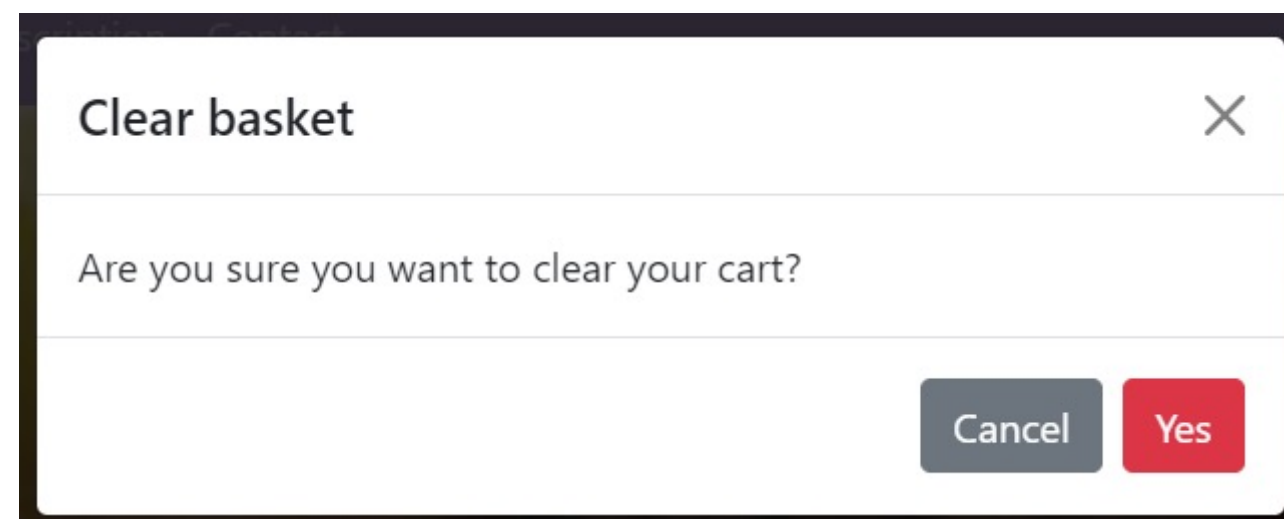
Demo



Adding the Offcanvas as shopping basket



Adding the Modal



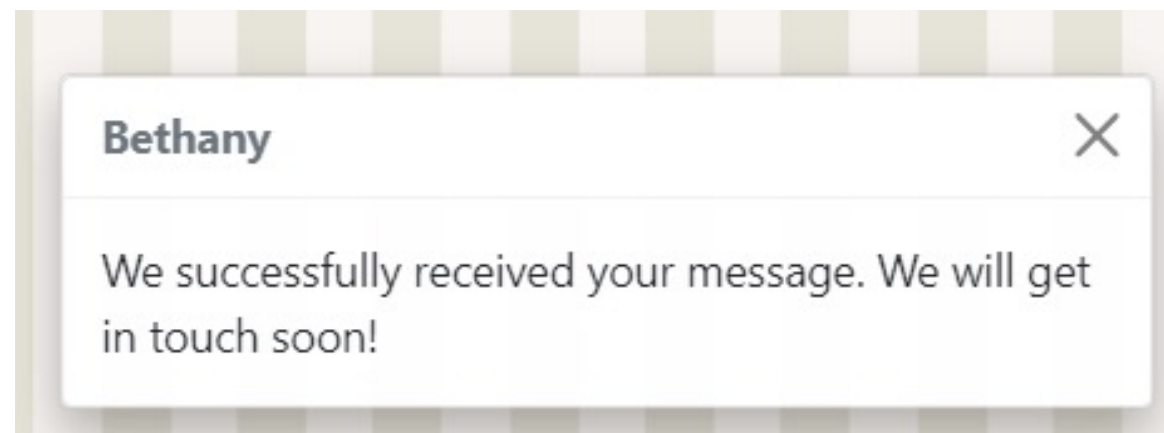
Demo



Adding a confirmation dialog to the detail page



Adding a Toast



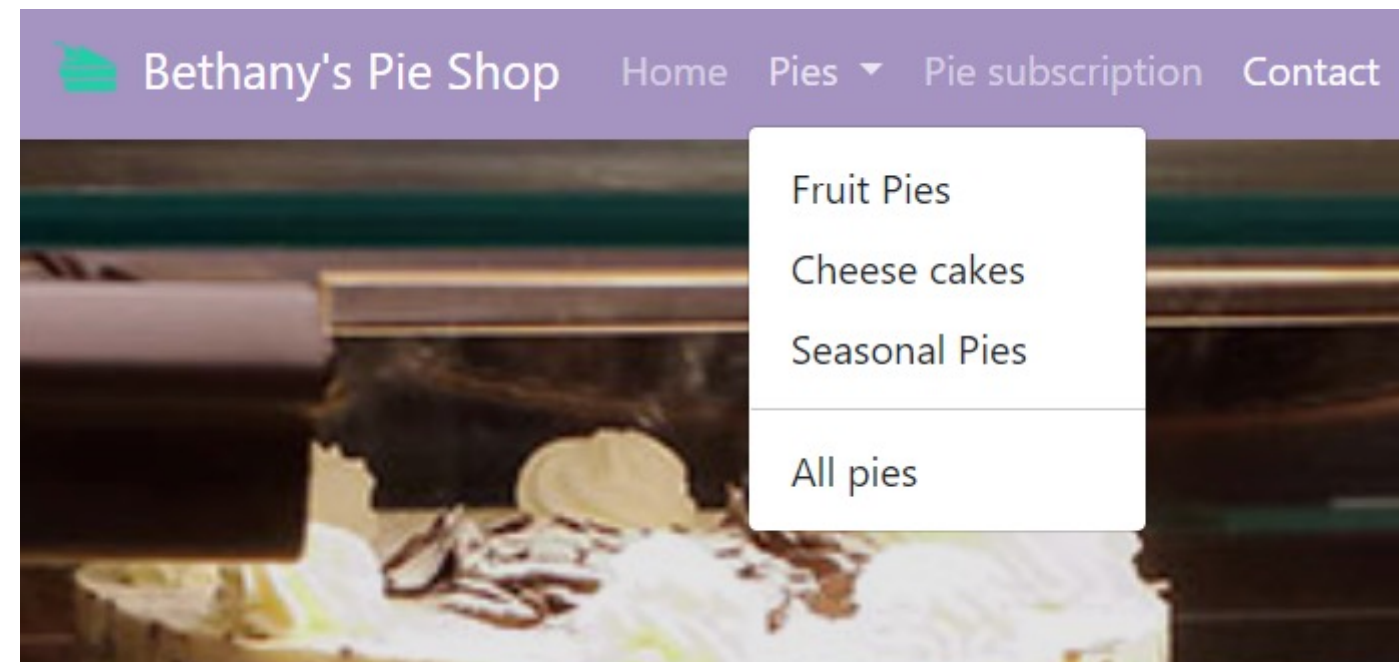
Demo



Adding a toast component



Adding the Dropdown



Demo



Adding a dropdown to the navbar



Demo



Adding the collapse component



Summary



Easy to add complex functionalities to our site

Based on built-in JavaScript





Up next:
Finalizing the site pages

