

JavaScript Code Explanation

1. Toggle Navbar (Mobile Menu)

JavaScript:

```
menu = document.querySelector('.menu i');  
navbar = document.querySelector('.header .navbar');  
  
menu.onclick = () => {  
  navbar.classList.toggle('active');  
}
```

Explanation:

- Selects the menu icon and navbar.
- Adds a click event listener to toggle the 'active' class.
- Used for showing/hiding the navbar on smaller screens.

2. Animate Skill Cards on Scroll

JavaScript:

```
const skillCards = document.querySelectorAll('.skill-card');  
  
const observer = new IntersectionObserver(entries => {  
  entries.forEach(entry => {  
    if (entry.isIntersecting) {  
      entry.target.classList.add('show');  
    }  
  });  
}, {  
  threshold: 0.3  
});
```

JavaScript Code Explanation

```
skillCards.forEach(card => {  
    observer.observe(card);  
});
```

Explanation:

- Selects all elements with the class 'skill-card'.
- Uses the Intersection Observer API to detect visibility.
- Adds a 'show' class when the card is at least 30% visible.
- Triggers animation or fade-in effects on scroll.