Midterm Project

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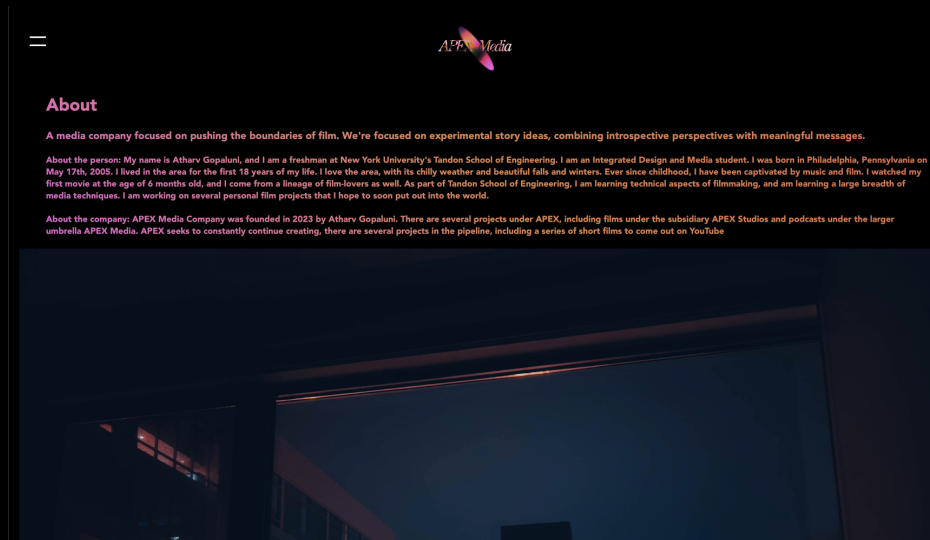
APEX Media Company Website - Demo

The website can be found at this address:

https://apexmediacompanywebsite.s3.us-east-2.amazonaws.com/index.html

Homepage

About Me Page

Films Page

Original mockups

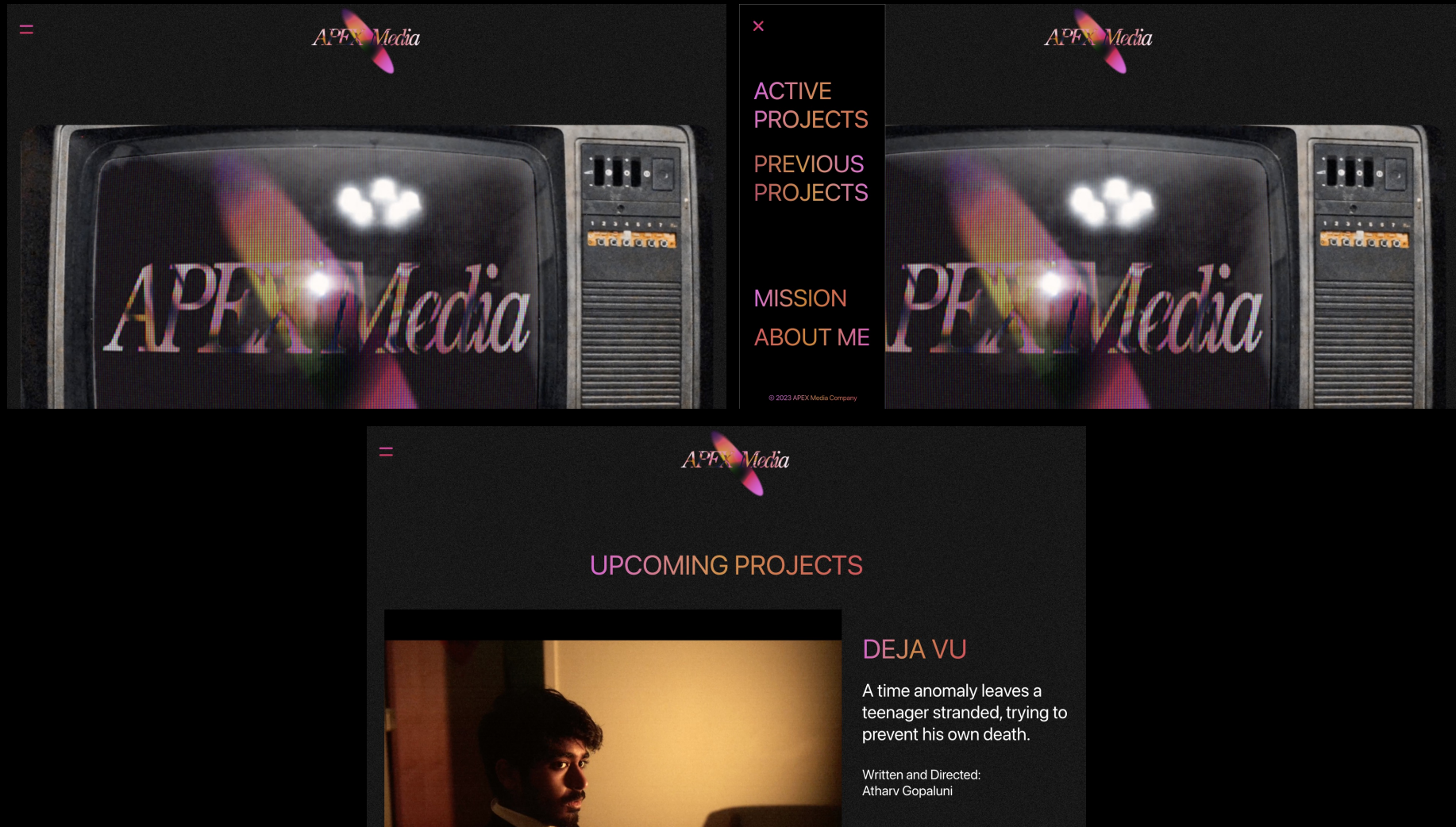# Code snippets

```html
<div class="video-container">
    <video autoplay loop muted playsinline class="homepage-video">
        <source src="https://apexmediacompanywebsite.s3.us-east-2.amazonaws.com/APEX.mov" type="video/mp4">
    </video>
</div> <!-- end of video container -->
```

HTML Video Tag on Home Page

```javascript
function toggleSidebar() {
    const sidebar = document.getElementById("sidebar");
    const openBtn = document.querySelector(".open-btn");

    if (sidebar.style.width === "250px") {
        sidebar.style.width = "0";
        openBtn.classList.remove("toggle");
    } else {
        sidebar.style.width = "250px";
        openBtn.classList.add("toggle");
    } //end of if-else

} //end of toggleSidebar()

document.addEventListener("DOMContentLoaded", (event) => {
    const equalSign = document.querySelector(".open-btn");

    window.addEventListener("scroll", function () {
        if (window.scrollY > 50) {
            equalSign.classList.add("hidden");
            equalSign.classList.remove("visible");
        } else {
            equalSign.classList.remove("hidden");
            equalSign.classList.add("visible");
        }
    });

});//end of EventListener
```

JavaScript for sidebar animation and disappearance

```css
.open-btn {
    position: fixed;
    top: 40px;
    left: 30px;
    z-index: 2;
    background-color: transparent;
    color: ■white;
    padding: 10px;
    cursor: pointer;
    border: none;
    outline: none;
    display: flex;
    flex-direction: column;
    justify-content: space-around;
    align-items: center;
    height: 50px;
    width: 50px;
    transition: transform 0.5s ease;
} /* end of open-btn */

.open-btn span {
    display: block;
    height: 3px;
    background-color: ■white;
    width: 30px;
    transition: transform 0.5s ease, opacity 0.5s ease;
    transform-origin: 50% 50%;
} /* end of open-btn span */

.open-btn.toggle span:nth-child(1),
.open-btn.toggle span:nth-child(2) {
    position: absolute;
    width: 70%;
} /* end of open-btn span (both children (each line)) */

.open-btn.toggle span:nth-child(1) {
    transform: rotate(45deg);
} /* end of open-btn span (child1) */

.open-btn.toggle span:nth-child(2) {
    transform: rotate(-45deg);
} /* end of open-btn span (child2) */
```

Corresponding CSS

```html
<div id="sidebar" class="sidebar">
    <a href="index.html">Home</a>
    <a href="about.html">About</a>
    <a href="films.html">Films</a>
</div> <!-- end of sidebar -->

<div class="main-content">

    <button class="open-btn" onclick="toggleSidebar()">
        <span></span>
        <span></span>
    </button>
```

Corresponding HTML

Media Queries

```css
@media (min-width: 768px) {
    .film-gallery {
        grid-template-columns: repeat(auto-fill, minmax(300px, 1fr));
    } /* film gallery for smaller screens */

    .middle {
        padding-left: 5%;
    } /* middle for smaller screens */
}

@media (min-width: 1024px) {
    .film-gallery {
        grid-template-columns: repeat(auto-fill, minmax(400px, 1fr));
    } /* film gallery for bigger screens */
}

@media (min-width: 1440px) {
    .film-gallery {
        grid-template-columns: repeat(auto-fill, minmax(500px, 1fr));
    }  /* film gallery for very big screens */
}
/* end of media queries */
```

Next steps

- Further animation
- More pages
- More subpages, as projects grow in size
- Different pages for different possible divisions
- More animation, perhaps a moving noisy background