

1■■■ Typography and Color Scheme

For typography, I chose the Inter typeface from Google Fonts because it is clean, modern, and highly readable on screens, which Body text is at a comfortable size with ~1.8 line height to ensure readability.

For the color scheme, I selected #6200ee (a vibrant purple) as the primary color because it conveys creativity and confidence. I chose

2■■■ Responsive Web Design

I used a mobile-first approach:

- The layout defaults to a single column for small screens.
- I employed CSS Grid and Flexbox to create a multi-column layout at larger breakpoints (600px and 900px).
- Media queries adjust the projects section from 1-column → 2-column → 3-column layout based on viewport width.
- The header, hero section, and contact form also adjust flex direction and alignment for smaller screens to remain readable without

I tested the site on different screen sizes to confirm it is fully responsive and accessible.

3■■■ Easy and Challenging Parts

Easy Parts:

- Structuring the HTML with semantic elements (header, nav, main, footer).
- Styling the hero section and about/contact sections, as they follow common layout patterns.
- Implementing the project cards with CSS Grid.

Challenging Parts:

- Ensuring the contact form and social media links stayed readable and functional on very small screens.
- Balancing whitespace and content density so the site feels clean without looking empty.
- Creating a footer that always stays at the bottom but does not overlap content.

How I Overcame Challenges:

- I used min-height: 100vh on body and flex layout to push the footer to the bottom.
- I used flex-wrap and smaller font sizes in nav and forms to prevent overflow on small devices.
- I incrementally tested and tweaked breakpoints to find optimal layouts for common devices.

4■■■ Additional Functionality (Extra Credit)

I added a few enhancements beyond the required functionality:

- Hover animations & transitions on buttons and links for better interactivity.
- Subtle fade-in animation for hero text (@keyframes fadeIn) to improve visual appeal.
- Included social media icons in the footer with Font Awesome for a more professional look.
- Added a Resume link in the navbar and hero image, opening a Google Drive resume document in a new tab.

These enhancements improve the user experience and make the site more engaging and functional.