

DESIGN PHILOSOPHY

A focus on an intuitive and immersive digital experience, ensuring each photograph is showcased with clarity and impact to reflect the authenticity and storytelling power of the images. It's focused on capturing my audience of young people with an online presence and people seeking professional portraits.

JACOB LEVERS PHOTOGRAPHY PORTFOLIO

My personal photography portfolio showcases my work, aiming to increase my industry presence and grow my business as a replacement for my old WIX site. It's designed for clients seeking stylish, modern photography for needs like social media or business advertising, who value a user-friendly, clean online experience.

CORE TECH

This website was developed using HTML5, CSS, and JavaScript, with a primary focus on creating a responsive user experience across all devices.

CHALLENGES

One key challenge was engineering the custom image carousel, which required intricate JavaScript to manage responsive slide visibility, smooth infinite looping, and precise active state transitions. Another considerable task involved the work page's masonry grid, ensuring all images maintained their aspect ratios and displayed harmoniously within a dynamic and responsive layout, irrespective of their original dimensions.

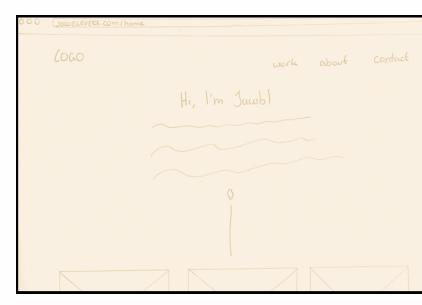
SOLUTIONS

To address the carousel complexities, JavaScript logic was implemented for dynamic slide cloning to enable infinite looping, responsive calculation of visible items, and CSS transitions for fluid animations, with careful state management ensuring navigational accuracy. The masonry grid challenge was resolved using CSS to maintain image aspect ratios, which, initiated after all images were loaded, dynamically positioned items into a responsive columnar grid that elegantly handled varied dimensions.

WHAT I LEARNED

Overcoming the complexities of the custom carousel deepened my understanding of JavaScript for managing dynamic component states, responsive behavior, and the precise timing of animations. Ensuring proportional image display within the masonry grid highlighted the importance of combining CSS for flexible item styling with JavaScript for robust, dynamic layout adjustments, especially when dealing with diverse content dimensions. I also learned that I was colourblind before the final design was started.

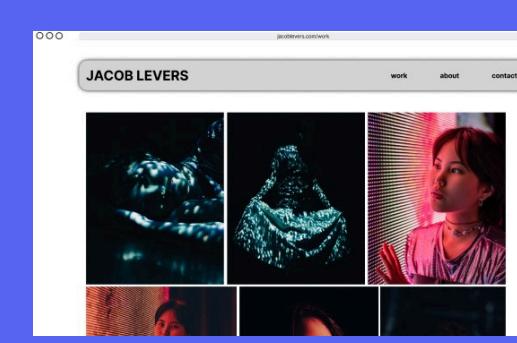
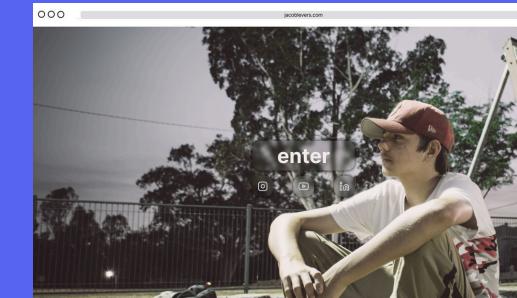
LOW-FIDELITY



These initial wireframes focused on rapidly exploring core page structures, content placement, and fundamental user navigation flows before detailed visual design.

These rudimentary sketches were pivotal in translating initial concepts into tangible screen layouts, helping to define the website's core functional flow and content organization without premature visual commitment.

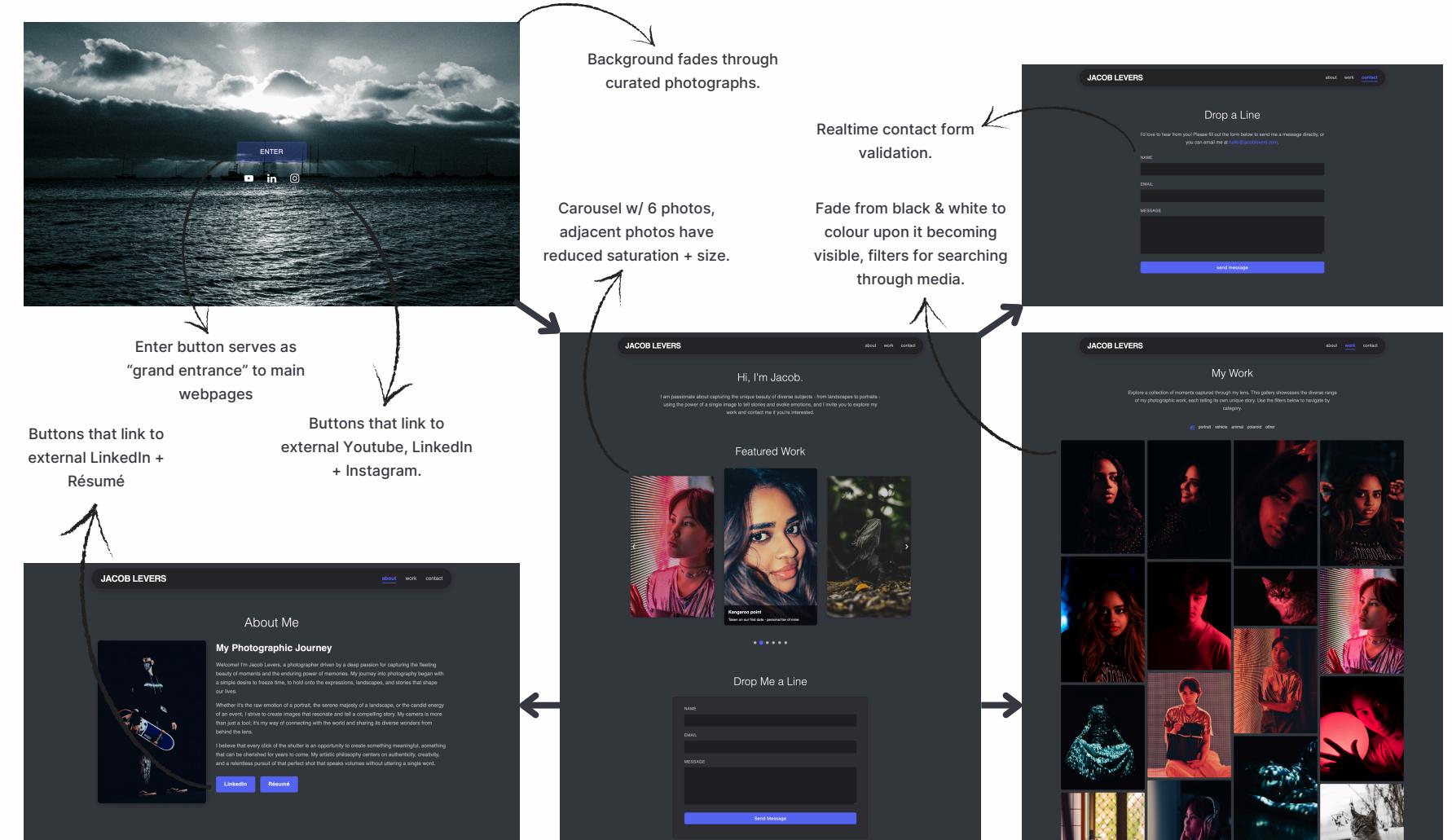
HIGH FIDELITY



These mockups translated the refined structures into a detailed visual design, defining the final aesthetic, typography (using the 'Inter' font), color palette, and UI component styling to closely mirror the developed website.

FINAL DESIGN + SITE MAP

The final design embodies a modern and immersive photography portfolio, evolving from an initial light concept to a sleek, predominantly dark theme accented with distinctive 'blurple' hues and a 'blur-effect' pill navigation, all chosen to enhance the visual impact of the showcased images. Key interactive functionalities include a dynamic home page carousel, a filterable masonry work gallery with on-scroll image animations, and an intuitive lightbox for detailed photo viewing, all ensuring a responsive and engaging user experience across devices.



FUTURE WORK

Future work includes integrating a dynamic blog to deepen audience engagement by sharing compelling narratives behind your photographs and offering unique insights into the creative journey. Further development would involve incorporating a secure e-commerce platform, transforming the portfolio into a direct sales channel for prints and digital downloads, thereby creating new revenue opportunities and requiring significant backend integration.