Portfolio Website Design Report

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Live URL: alexan75541.github.io/HtmlPortfolio

Repository: github.com/alexan75541/HtmlPortfolio

1. Design Rationale

1.1 Design Philosophy

The website follows a clean, modern design with these principles:

- **Simplicity:** Minimalist design focusing on content
- **Accessibility:** High contrast, semantic HTML, clear navigation
- **Performance:** Lightweight code with optimized assets
- **Consistency:** Unified color scheme and typography

1.2 Color Scheme

- **Primary Blue (#437acb):** Trust and professionalism
- **Secondary Orange (#ff9800):** Energy and highlights
- **Light Cyan (#00d9ff):** Headings and accents
- **Dark Gray (#333):** Readable body text

1.3 Typography

Uses **Dosis** font from Google Fonts for clean, modern appearance with excellent readability.

1.4 Layout Structure

- **Home:** Introduction with profile picture
- **About:** Background, skills, and goals
- **Projects:** Card-based grid layout
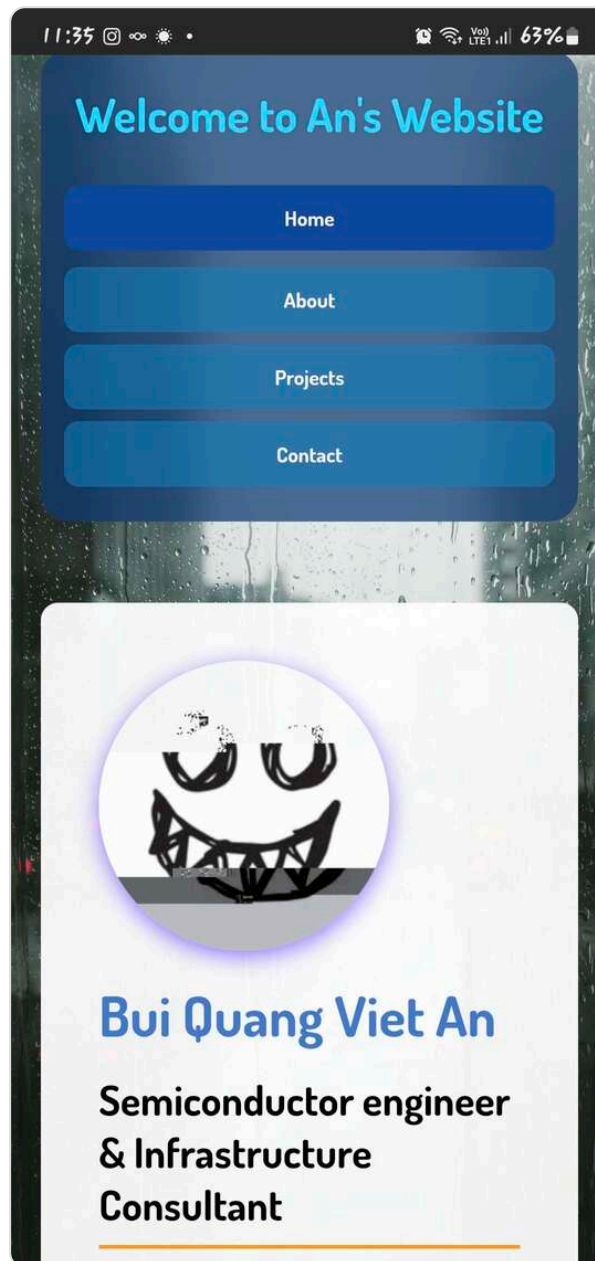- **Contact:** Contact information and links

1.5 Responsive Design

- **Fluid Grid:** CSS Grid with auto-fit

- **Flexible Typography:** clamp() for viewport scaling
- **Mobile-First:** Optimized for mobile, enhanced for desktop
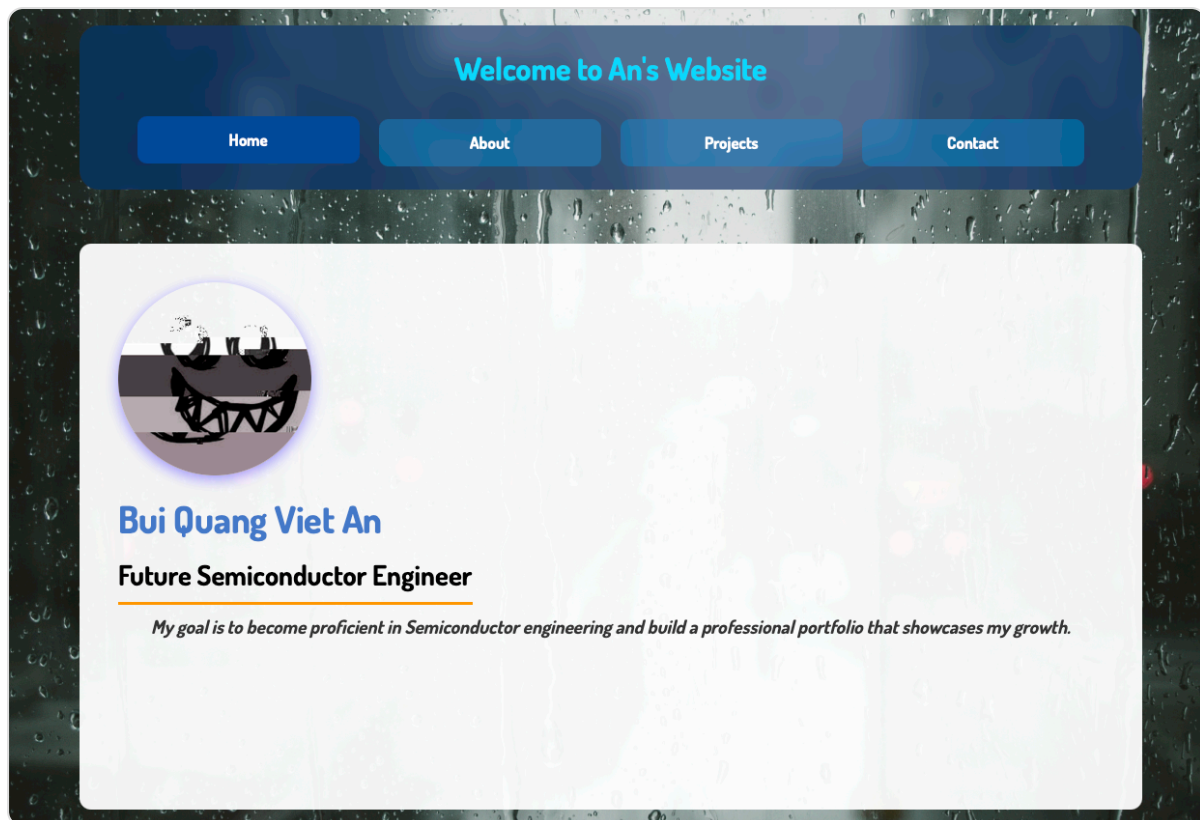- **Adaptive Navigation:** Horizontal on desktop, vertical on mobile

2. Client Testing Results

2.1 Mobile Screenshot

Figure: Mobile responsive layout demonstration

2.2 PC Testing Screenshot

Figure: PC testing result using project1.png

2.3 Responsive Features

- **Header Adaptation:** Navigation stacks vertically on small screens

- **Readable Typography:** Font sizes scale with clamp() function

- **Touch-Friendly:** Buttons expand to full width for easy tapping

- **Content Reflow:** Project cards stack in single column

- **Image Scaling:** All images resize proportionally

2.4 Testing Summary

Successfully tested on mobile (320px-480px), tablet (768px-1024px), and desktop (1200px+) viewports. All navigation, images, and interactive elements work correctly across devices. The responsive design maintains visual consistency and usability on all screen sizes.