

Hosted Link of the website: <https://www.buharinasir.com/blog/index.html>

Design choices:

1. **Color Scheme:** The color scheme predominantly uses shades of blue for a professional and modern look. The use of varying shades helps create visual interest while maintaining consistency.
2. **Grid Layout:** Utilizing CSS grid for the layout provides a flexible and responsive structure for the website. It allows for easy organization of content into rows and columns.
3. **Header and Navigation:** The header is fixed at the top of the viewport to ensure it remains visible while scrolling. Navigation links are centered horizontally for easy access.
4. **Main Content Sections:** Each main section (home, certifications, about, contact) has its own distinct styling to visually differentiate them. For example, the home section has a dark blue background with white text for emphasis.
5. **Responsive Design:** Implementing media queries ensures the website adapts to different screen sizes seamlessly. Challenges may arise in ensuring content remains readable and accessible across various devices, requiring careful adjustment of font sizes, spacing, and layout.
6. **CSS Variables:** Using CSS variables for colors enables easy theme customization and consistent color management throughout the stylesheet.
7. **Hover Effects:** Adding subtle hover effects to links and elements enhances user interaction and feedback.

Challenges Faced:

- Ensuring consistency across different sections while maintaining visual interest.
- Fine-tuning layout and styling for responsiveness across various screen sizes and devices.
- Balancing aesthetics with usability to create an engaging yet functional design.
- Managing CSS specificity and avoiding conflicts to maintain a clean and maintainable codebase.