SHORT-WRITE-UP

Content Sections

1. About Me: Complete with photo, background, and professional goals
2. Projects: Showcases 3 projects with descriptions and images
3. Skills: Technical and professional skills with visual progress indicators
4. Contact: Functional form with email/phone fields
5. Résumé: Download link provided in the navigation

Challenges Faced

1. Responsive Timeline: The education timeline required significant CSS adjustments to work properly on mobile devices while maintaining the desktop design.
2. Skill Animations: Implementing the animated radial and linear progress bars for skills proved technically challenging, especially making them responsive.
3. Form Functionality: Setting up form submission without backend required research into Formspree alternatives.
4. Cross-Browser Compatibility: Some CSS properties had inconsistent support across browsers.

Key Learnings

1. CSS Grid/Flexbox: Gained deeper understanding of modern layout techniques through implementing the project cards and about section.
2. Animation Techniques: Learned how to implement and control CSS keyframe animations for the skills section.
3. Mobile-First Approach: Recognized the importance of designing for mobile early in the process to reduce rework.
4. Performance Optimization: Discovered techniques to minimize render-blocking resources and improve loading times.

Areas for Improvement

1. Accessibility: Could enhance with better ARIA labels and keyboard navigation support.
2. Project Filtering: Would add filtering/tagging for projects by technology type.
3. Dark/Light Mode: Implement theme switching for user preference.
4. Form Validation: Add client-side validation before submission.
5. Performance: Optimize image loading with lazy loading techniques.

Final Deliverables

1. Live URL: [Portfolio Website](https://cosmic-paprenjak-847d90.netlify.app/)
2. GitHub Repository: [GitHub Repo] (https://github.com/Kipkirui023/Personal-Profile.git)

Reflection

This project provided valuable hands-on experience in building a complete, production-ready website from scratch. The most rewarding aspect was seeing the animations and responsive elements come together after initial struggles. The main lesson was the importance of planning responsive behavior early rather than retrofitting it. Given more time, I would implement a dark/light mode toggle and add more interactive elements to enhance user engagement. The project successfully meets all specified requirements while demonstrating growing proficiency in frontend development.