

Digital Portfolio



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PROJECT TITLE

custom-range-slider



AGENDA

1. Problem Statement
2. Project Overview
3. End Users
4. Tools and Technologies
5. Portfolio design and Layout
6. Features and Functionality
7. Results and Screenshots
8. Conclusion
9. Github Link



PROBLEM STATEMENT

- Why do we need a custom range slider?
Default sliders are often basic and lack styling.

○ Difficult to match modern UI/UX requirements.

○ Limited customization in color, scale, labels, and interaction.



PROJECT

- **OVERVIEW** Objective: To design and implement a stylish, customizable, and user-friendly range slider.

- Features: Supports min/max values
- Custom colors and styles
- Smooth animations
- Responsive design



WHO ARE THE END USERS?



Developers who want to integrate custom sliders into their websites/apps

- Designers who need interactive UI elements
- End-users for applications like:

o Price range selectors (E-commerce) o
Volume/Brightness controls

- Data filtering dashboards



TOOLS AND TECHNIQUES



■
Frontend: HTML, CSS, JavaScript

Styling: CSS Flexbox, Gradient backgrounds

Optional Enhancements: • Tailwind CSS • Frontend:
HTML, CSS, JavaScript Styling: CSS Flexbox,
Gradient backgrounds Optional Enhancements:

- Tailwind CSS
- React.js (if advanced) ■

POTFOLIO DESIGN AND LAYOUT

Simple layout with slider in center

Min & Max values displayed

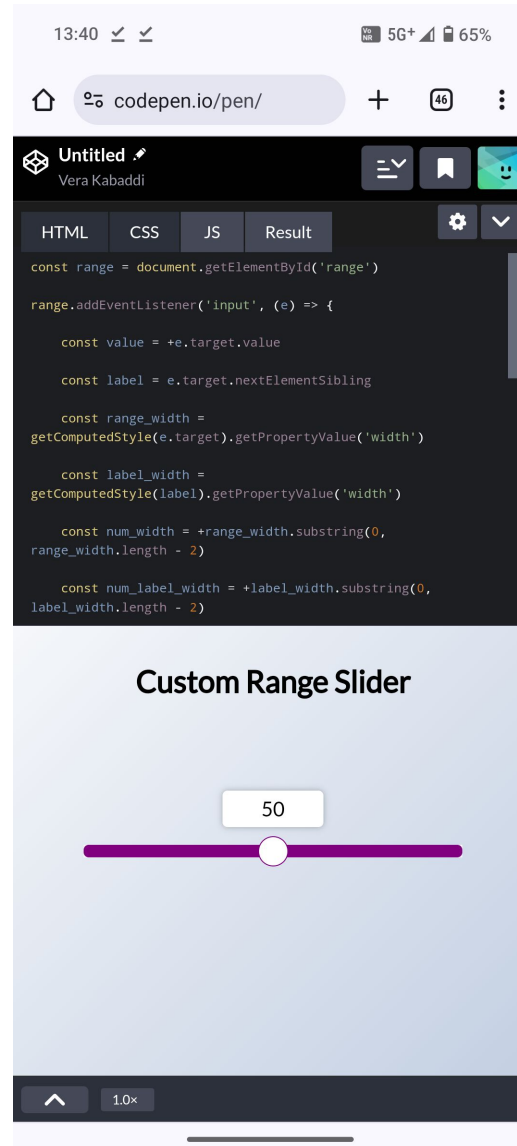
Label/value update in real-time

Color-coded progress bar

FEATURES AND FUNCTIONALITY

- Dual-handle slider (for range selection)
- Real-time value updates
Customizable track & thumb
- Responsive design for mobile & desktop Smooth drag-and-drop interaction

RESULTS AND SCREENSHOTS



CONCLUSION

- Achieved a fully customizable slider

Improves user experience

- Can be reused in multiple web applications

<https://github.com/verakabaddi-ux/Vasanth-THS-DC-FWD-DP.git>