Tools Used

1. HTML5,

The code uses semantic HTML5 tags (<header>, <nav>, <main>, <section>, <footer>), proper DOCTYPE, meta tags, and character entities (©).

2. CSS3

Uses external CSS, applies the box model, includes a 2-column layout (About), a 3-column layout (Portfolio), and print-friendly CSS. The CSS includes media queries for mobile devices.

Submission Checklist

3. JavaScript

Implements a greeting, form validation, dark/light mode, show/hide functionality, and event listeners.

4. VS Code for development
5. W3C Validator for validation

The code uses semantic HTML5 tags (<header>, <nav>, <main>, <section>, <footer>), proper DOCTYPE, meta tags, and character entities (©).

Key Features Implemented

a. Multi-page website with navigation
b. Responsive 2-column and 3-column layouts
c. Dark/light mode toggle
d. Form validation

Accessibility features (alt attributes, labels, keyboard navigation)

Challenges Faced

A. Ensuring responsive design across devices: Solved using media queries.
B. Form validation with regex: Tested multiple patterns to ensure accuracy.

Accessibility: Added proper labels and keyboard navigation support.