HiSkyTech
Where Ideas Take Digital Flight

Frontend DEVELOPMENT

Simple Form with Validation

Week 1

Objective:

- Build a basic contact form with input validation.

Details:

- Create a form with fields for name, email, and message.
- Use HTML for the form structure and CSS for styling.
- Implement basic JavaScript validation to check that all fields are filled out before submission.

Basic Responsive Web Page

Week 2

Objective:

- Create a simple, responsive web page.

Details:

- Design a web page with a header, a main content section, and a footer.
- Use HTML for the structure and CSS for styling.
- Ensure the page is responsive and adjusts to different screen sizes (mobile, tablet, desktop) using media queries.

Interactive To-Do List with Local Storage

Week 3

Objective:

- Develop a to-do list with persistent data storage.

Details:

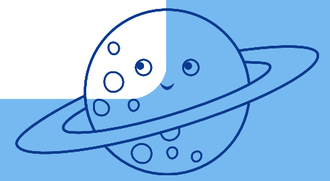
- Create a to-do list application where users can add, edit, and delete tasks.
- Use HTML for the list structure, CSS for styling, and JavaScript for functionality.
- Implement local storage to save the list so that tasks persist even after the page is refreshed

Real-Time Chat Application

Week 4

Objective:

- Develop a real-time chat application using WebSockets.

Details:

- Create a simple chat interface with a message input field, a send button, and a chat history display.
- Use HTML and CSS for the interface layout and styling.
- Implement WebSocket communication with JavaScript to enable real-time message exchange between clients.