Project Showcase

Live Chat Application & Personal Portfolio

Presented by: Nikhil Kamboj

Live Chat Application

- A real-time messaging platform that allows users to communicate instantly. Features include user authentication, group chats, and file sharing.

Features of Live Chat Application

- - Real-time messaging

- - User authentication

- - Group chats

- - File sharing

- - Message timestamps

Technologies Used

- - Frontend: HTML, CSS, JavaScript
- - Backend: Node.js
- - Communication: WebSocket
- - Responsive Design Principles

Personal Portfolio

- A professional portfolio website designed to showcase skills, projects, and achievements as a Frontend Developer.

Features of Personal Portfolio

- - Fully responsive design

- - Interactive project showcase

- - Contact form with client-side validation

- - Downloadable resume

- - Social media and contact links

Technologies Used

- - HTML5, CSS3 (SASS, Tailwind CSS)

- - JavaScript

- - Webpack

- - Git & GitHub

Showcased Projects

- 1. Kamboj Store:

-     - An e-commerce website with responsive design and custom API integration.

- 2. Awesome Gradient Generator:

-     - A tool for real-time gradient customization and preview.

Challenges and Learnings

- Challenges:
- - Implementing WebSocket for real-time communication.
- - Designing a fully responsive and interactive portfolio.

- Learnings:
- - Advanced JavaScript and DOM manipulation.
- - Real-time messaging workflows and debugging WebSocket connections.
- - Responsive design using Tailwind CSS and SASS.

Conclusion and Future Scope

- Both projects demonstrate strong frontend skills and a solid understanding of real-time communication systems. Future enhancements include:

- - Backend integration for the portfolio contact form.

- - Adding analytics and interactive elements.