Golu Gupta

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PROJECTS

Portfolio ↗ | GUI Application- Tailwind ,EmailJS ,ReactJS   Mar 2025

- **Developed and deployed a fully responsive portfolio website** using **React.js** and **Tailwind CSS**, ensuring cross-device compatibility and delivering a modern, clean user interface.
- **Implemented reusable components** such as Navbar, Projects, Skills, and Contact Form, efficiently managing UI state with **React Hooks (useState, useEffect)** for seamless user interaction.
- **Optimized website performance** by incorporating **lazy loading, code splitting, and semantic HTML**, improving page load speed and adhering to SEO best practices for enhanced visibility.
- **Deployed on Vercel with custom domain integration**, configured **EmailJS** for direct contact form submissions, and maintained codebase using **Git and GitHub** for version control and continuous deployment.

Real Time Chat App ↗ | ReactJS ,Tailwind ,NodeJS ,ExpressJS ,MongoDB ,Socket.IO   Feb 2025

- **Engineered a real-time chat application** using the **MERN stack (MongoDB, Express, React, Node.js)** and **Socket.io**, supporting over **500+ concurrent users** with low-latency communication.
- **Optimized WebSocket connections** via **Socket.io**, enabling real-time messaging, typing indicators, and image sharing with an average message delivery time under **100ms**.
- Leveraged **Zustand** for managing application-wide state, reducing unnecessary re-renders by **30%**, and ensuring smooth handling of user sessions, chat room data, and message streams.
- Implemented secure authentication using **JWT tokens** and stored over **10,000+ chat messages** in **MongoDB**, ensuring data persistence, encryption, and reliable message retrieval.

Wonderlust ↗ | Responsive Web Application- Bootstrap ,NodeJS ,ExpressJS, MongoDB   Dec 2024

- **Improved and deployed a full-stack hotel booking platform** called **Wanderlust** using **Node.js, Express, MongoDB, and Bootstrap**, enabling users to browse, book, and host rooms seamlessly.
- executed secure **Stripe Payment Gateway**, facilitating smooth and reliable online transactions, handling over **100+ successful payments** with encrypted payment processing.
- Applied robust user authentication and session management using **Passport.js**, supporting secure login, registration, and authorization workflows across the platform.
- created scalable backend APIs with RESTful architecture, managing room listings, bookings, and user profiles, while storing and handling over **1,000+ records** in **MongoDB**.

EXPERIENCE

Novem Controls ↗   Jan 2025 – Jun 2025
Trainee – MERN Stack Developer   *Jalandhar, India*

- Undergoing hands-on training in MERN Stack technologies: MongoDB, Express.js, React.js, and Node.js.
- Working on real-world projects involving RESTful APIs, frontend development, and backend integration.

Solitaire Infosys ↗   Jul 2024 – Sep 2024
Frontend Development   *Mohali, India*

- Completed a 2-month intensive training in frontend web development.
- Worked with HTML5, CSS3, JavaScript, and React.js

TECHNICAL SKILLS

Languages: JavaScript
Developer Tools: VS Code, GitHub, Render, Netlify
Technologies/Frameworks: HTML5, Bootstrap, CSS, Tailwind, ReactJS, NodeJS , ExpressJS, MongoDB,
Coding Platforms: LeetCode, Geekforgeeks

EDUCATION

Lyallpur Khalsa College Technical Campus   2021 – 2025
*B.Tech - Computer Science and Engineering - **CGPA** - **7.0***   *Jalandhar, Punjab*

T.W.E.I.SN.SEC.SCHOOL   2020 – 2021
*INTERMEDIATE (XII) - **Percentage** - **73%***   *Phagwara,Punjab*