ABHISHEK SINGH

Portfolio: https://portfolio-abhishek-singh-techguy9810.netlify.app
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Github: https://github.com/TechGuy9810

Education:

Bachelor of Computer Application (BCA)   (2021 - 2024)
Institute of Information Technology & Management (IPU)   **CGPA: 8.5 /10**

Relevant Coursework: Object Oriented Programming, javascript, java, c++, c, Operating Systems, DBMS, Computer Networks, Discrete Mathematics, Deep learning, machine learning, Discrete Mathematics.

Skills:

Languages: C++, Javascript
IT Constructs: DBMS, Operating Systems, Computer Networks, Object Oriented Programming
Web Development: Javascript, React.js, express.js, node.js, Mongodb, SQL, tailwind, Gsap, Zustand, Redux toolkit, CSS, HTML, Next.js, Typescript.

Projects:

AI Chat App (using Google's Gemini API)   **Live Link   Github**
An AI Chat APP where users can ask queries and get answers, with chat history stored in a database, having smooth authentication using Clerk. The app is developed using MERN Stack.
- Users can send Pictures or text to the GPT and get an answer.
- I Integrated Google's Gemini API to develop it.
- Fully mobile and desktop-friendly site.

Realtime Messaging web app   **Live Link   Github**
A real-time messaging web app using MERN, where users can message each other and see who is online and who is currently typing a message. I used socket.io for real-time communication.
- Users can send & download Files, photos, videos and emojis.
- Implemented real-time typing feature & online feature.
- Fully mobile and desktop-friendly site.
- Used Zustand for managing messages.

Hotel Reservation Site   **Live Link   Github**
Developed a responsive Full Stack Hotel Reservation site where users can search hotels based on prices, check available rooms and book their preferred rooms.
- Integrated (Razorpay) payment gateway.
- Implemented mail verification using nodemailer & User Authentication with bcyrpt.js
- I used useContext for saving user info and also used custom hooks.
- Optimised performance by 35% using methods like useMemo to reduce rerenders & lazy loading to reduce the loading period.

Achivements & Certifications:

Won 2nd prize in intra-college hackthon for SIH.
- I developed a site with the help of my team which can help people to book garbage collection services.
- We Implemented ticket tracking, ticket generation, and user authentication.

Meta Frontend Development - Coursera (Remote)
Web Development (MERN) - InterNexus (offline)
C++ Coding Ninja (Remote)