

ABHISHEK SINGH

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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

[Github](#) [Live Link](#)

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 bcrypt.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 1st 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.
- Implemented ticket tracking, ticket generation, and user authentication.

Meta Frontend Development - Coursera (Remote)

Web Development (MERN) - InterNexus (offline)

C++ Coding Ninja (Remote)