

# ABHISHEK SINGH

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## Education:

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**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.

## Skills:

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**Languages:** C++, Javascript

**IT Constructs:** DBMS, OOPS, OS, Computer Networks

**Web Development:** Javascript, React.js, express.js, node.js, Mongodb, SQL, tailwindcss, Gsap, Zustand, Redux toolkit, CSS, HTML,.

## Projects:

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### 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 user and also used custom hooks.
- Optimised performance by **35%** used methods like useMemo to reduce rerenders & lazy loading to reduce loading period.

### 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.

## Achivements & Certifications:

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### 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)