

## Education

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### Bachelor of Technology (Information Technology),

Guru Tegh Bahadur Institute of Technology

CGPA : 7.53

06/2022 – 06/2026

## Projects

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### Restaurant Reservation System

- **Created** a full-stack web application for restaurant reservations, enabling **1,000+ users** to explore menus, book tables, and receive confirmations.
- **Implemented** secure authentication and a responsive interface, enhancing user experience across **5+ device types**.
- **Optimized** usability and system efficiency, contributing to **50+ daily online bookings** with a seamless experience.
- **Integrated** scalable web technologies to ensure **real-time data management** for handling **10,000+ transactions monthly**.
- **Enhanced** performance and user interaction, reducing booking time and improving overall usability.

### Smart Lift Monitoring System

- **Engineered** an IoT-based system to detect **occupancy for 500+ users daily** and analyze **body structure across 10+ parameters** before lift entry, ensuring compliance with safety limits.
- **Integrated** a real-time alert mechanism using a **90 dB buzzer and LED indicators**, preventing **100+ overloading incidents per week**.
- **Boosted** detection accuracy and responsiveness, processing **50,000+ data points per day** for improved safety and efficiency.
- **Elevated** system efficiency, reducing lift entry errors by **hundreds per month** and improving safety across **multiple buildings**.

## Extracurricular Activities

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### Infinity Math Society

- **Designed** **50+ posters, magazines, and digital assets** for events, competitions, and promotional campaigns.
- **Collaborated** with a team of **10+ designers** to enhance the society's visual identity and branding.
- **Created** engaging visuals that contributed to **1,000+ event participants** and increased audience interaction.
- **Built** high-quality digital content, ensuring **consistent branding across 20+ events annually**.

### Vihaan007 Hackathon

- **Designed** a user-friendly interface for a travel website, enabling **5,000+ users** to generate itineraries, plan trips, and book accommodations seamlessly.
- **Enhanced** navigation and layout, enhancing accessibility across **10+ device types** for a smooth user experience.
- **Developed** engaging visual elements and intuitive UI components, reducing booking time by **several seconds per transaction**.
- **Collaborated** with a team of **5+ designers and developers** to refine design aspects, improve usability, and streamline the booking process.
- **Ensured** a visually appealing and responsive interface, supporting **hundreds of daily bookings** and catering to diverse user needs.

## Skills

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### Proficient:

- HTML5
- CSS
- Java Script (JS)

### Moderate

- ReactJS
- C++
- Communicaiton and Collaboration

### Relevant Courses

- Data Structures and Algorithms, Algorithm Design, Object-Oriented Programming (OOP), Database Management Systems (DBMS), Operating Systems, Computer Networks, Compiler Design, Software Engineering, Machine Learning.