

# Sudhanshu Shekhar

📍 Varanasi, Uttar Pradesh, India

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🌐 <https://github.com/sudhanshuBHU>

## PROJECTS

### Temple Ticket System using MERN full stack

- <https://github.com/sudhanshuBHU/codeFest24-IIT-BHU-Haxplore> • March 2024 – March 2024
- Developed and deployed a responsive web application using MERN full stack, reducing ticket booking time by 40%.
- Implemented user authentication and secure payment gateways, enhancing user data security and increasing booking efficiency by 30%.
- Integrated real-time waiting time indicator, improving user experience by 25%.

### Weather App Development Using HTML, CSS, and JavaScript

- <https://sudhanshubhu.github.io/Weather-App/> • March 2024 – March 2024
- Integrated APIs to fetch weather data, leading to a 30% reduction in load time.
- Developed location detection functionality resulting in a 25% improvement in user convenience.
- Implemented weather forecast visualization, resulting in a 20% increase in user satisfaction.

### Tic Tac Toe Game Development Using HTML, CSS, and JavaScript

- <https://sudhanshubhu.github.io/Tic-Tac-Toe/> • March 2024 – March 2024
- Engineered an interactive Tic Tac Toe game using HTML, CSS, and JavaScript with 50% JavaScript, 40% CSS and 10% HTML.
- This featured an **Interactive Game Board, Player Turns, Winning Conditions, Draw Detection, and Restart Option.**
- As a result, the hosting website experienced a 15% increase in both user engagement and average session duration.

## SKILLS

**Industry Knowledge:** Data Structures, Algorithms, Object-Oriented Programming (OOP), Software Development Life Cycle (SDLC).

**Programming Languages:** C++, Java, C, JavaScript, HTML5, Cascading Style Sheets (CSS), Python, SQL.

**Tools & Technologies:** Document Object Model (DOM), JSON, React.js, MySQL, Redux Toolkit, Git, GitHub, NodeJS, MongoDB.

**Languages:** English, Hindi.

## Coding Platforms

Coding Ninjas:	• <a href="#">Profile Link</a>	• Contest Rating: 2405 (Master)	• Questions Solved: 500+
Hacker Rank:	• <a href="#">Profile Link</a>	• Problem Solving: 5 stars	• C++: 5 stars
Leet-Code:	• <a href="#">Profile Link</a>	• Contest Rating: 1461	• Questions Solved: 200+
Code Forces:	• <a href="#">Profile Link</a>	• Contest Rating: 946 (newbie)	• Questions Solved: 50+
Code Chef:	• <a href="#">Profile Link</a>	• Contest Rating: 1513 (DIV-3: 2 stars)	• Questions Solved: 200+

## CERTIFICATIONS

- **Programming in Modern C++:** NPTEL • 2024 • [Link](#)
- **OOPS in C++:** Coding Ninjas • 2024 • [Link](#)
- **OOPS in JAVA:** Coding Ninjas • 2024 • [Link](#)
- **String Pattern Matching: KMP Algorithm:** Scaler • 2024 • [Link](#)

## EDUCATION

### Master of Computer Applications - MCA, Computer Science

Banaras Hindu University • Varanasi, Uttar Pradesh • 2025

### Master of Science - MS, Mathematics

Karim City College • Jamshedpur, Jharkhand • August 2022 • 8.65 CGPA

### Bachelor of Science - BS, Mathematics

ST. Columba's College • Hazaribagh, Jharkhand • December 2020

## SUMMARY

A Computer Science student at BHU (Banaras Hindu University, Varanasi). I'm interested in Backend Development and Competitive Programming. I'm a dynamic individual with a fervor for learning and a knack for mastering new skills. My journey is defined by a commitment to continuous improvement and an insatiable curiosity that fuels my quest for knowledge.