

# Madhuram Kulshrestha

Agra, Uttar Pradesh | [Mail](#) | [Contact](#) | [Linkdin](#) | [Github](#) | [Gfg](#)

## Summary

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Motivated developer with hands-on experience in web development and problem-solving. Focused on creating efficient, user-friendly applications and collaborating effectively to deliver quality results.

## Education

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**VIT Bhopal University**, B.Tech in Computer Science and Engineering July 2022 – July 2026

- Cumulative GPA: 8.84/10 ([Transcript](#))

**Shanti Niketan Public School, Agra**, Class XII (CBSE) April 2020 – March 2021

- Percentage: 91.2 ([Transcript](#))

**St. Mary's Convent School, Agra**, Class X (ICSE) April 2018 – March 2019

- Percentage: 91.8 ([Transcript](#))

## Internship Experience

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**Technical Intern**, Frihbi Enterprises Pvt. Ltd. – Remote July 2025 – October 2025

- Worked with the team to plan and suggest new features for multiple POS softwares.
- Learned to build simple business tools using no-code platforms and tested features using JIRA.

**Data Science Intern**, Sabudh Foundation (STPI) – Remote January 2025 – June 2025

- Built and deployed basic machine learning models for tasks like prediction and classification.
- Improved results by cleaning data and selecting useful features.

## Projects

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**CloakRoom – Real-time Chatting Web Application** [GitHub Link](#)

- **Tech Stack:** Node.js, Socket.IO, Kafka, Redis
- Developed a real-time chat system with Socket.IO and Kafka for message streaming
- Implemented Redis caching and basic load balancing for smoother performance
- Added Google OAuth 2.0 and JWT authentication for secure login and user sessions

**Videotube – Video Streaming Dashboard** [GitHub Link](#)

- **Tech Stack:** Node.js, MongoDB, Cloudinary, Redis
- Created a simple video streaming platform using Node.js, Express.js, and MongoDB.
- Added login/signup with JWT and stored user/video data efficiently.
- Integrated Cloudinary to upload and stream video files online.

## Technologies

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**Languages:** C++, Python, JavaScript

**Frameworks & Libraries:** Node.js, numpy, pandas

**Databases & Data Stores:** MySQL, MongoDB, Redis

**CS Fundamentals:** Data Structures & Algorithms, OOPs, DBMS, OS, Computer Networks

**Tools & Platforms:** Git, Docker, AWS, MS Office, Jira

## Hackathons & Leadership

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**TCS CodeVita 2024:**

- Secured a global rank in the top 0.3% (AIR 671) out of over 200,000 participants.

**International Innovation Challenge 2024:**

- Finalist team, ranking in the Top 30 globally among 10,000+ competing teams.

**Bashcraft Club, VIT-B**

- Coordinated and Organized events, speaker sessions, and managed live QA panels for participants.