



Ambilpur Vaishnav

Roll No: 24112011182

B.Tech

Computer Science Engineering

Maulana Azad National Institute of Technology, Bhopal

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GitHub Profile

LinkedIn Profile

EDUCATION

Degree	Institute / Board	CGPA / %	Year
B.Tech (CSE)	Maulana Azad National Institute of Technology, Bhopal	8.88	2024–Present
Senior Secondary	TSBIE	97.1%	2024
Secondary	TSBIE	98%	2022

PROJECTS

SMART QUEUE – Real-Time Queue Management System GitHub Live Demo

Project

- Developed a full-stack web application to digitize real-world queues for clinics, service centers, and offices using RESTful APIs and WebSocket-based real-time updates.
- Designed backend logic for queue creation, ticket assignment, state transitions, and validations, and built a responsive frontend for real-time tracking.
- Tools and Technologies: JavaScript, Node.js, Express.js, Socket.io, Tailwind CSS, MongoDB

CHATTY – Anonymous Real-Time Chat Application GitHub Live Demo

Personal Project

- Built an anonymous real-time chat application enabling users to create or join rooms without account creation, focusing on low-latency communication.
- Implemented WebSocket-based bi-directional messaging, dynamic room lifecycle management, and automatic room cleanup.
- Tools and Technologies: React, TypeScript, Node.js, WebSockets, Tailwind CSS

TECHNICAL SKILLS

- Languages: C, C++, JavaScript, TypeScript
- Frontend: HTML, CSS, React, Tailwind CSS
- Backend: Node.js, Express, REST APIs, WebSockets
- Databases: MongoDB, MySQL
- Developer Tools: Git, GitHub, Postman, Vercel, Render

KEY COURSES TAKEN

Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Computer Networks

CODING PROFILES

- LeetCode: Max Rating **1627** (Contests) — Contest — Practice
- Codeforces: Max Rating **1124** — Profile

ACHIEVEMENTS

- Achieved **Top 11 Finish** in the **Dev Dual Hackathon**, organized by **IIT Hyderabad**.

POSITIONS OF RESPONSIBILITY

Content Writer, Quizzer Club NIT Bhopal

Jul 2025 – Present

- Authored **structured communication** for events, outreach, and internal operations.
- Coordinated with **PR and hospitality teams** for smooth execution of activities.
- Managed **content workflows**, deadlines, and promotional material.