



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

- 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

- 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.