

Ambilpur Vaishnav

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Education

Maulana Azad National Institute of Technology, Bhopal <i>B.Tech in Computer Science</i>	2024–Present CGPA: 8.88
Ignite Junior College, Hyderabad, Telangana <i>HSC</i>	2022–2024 Percentage: 97.1%
Presidency High School, Nizamabad, Telangana <i>SSC</i>	2021–2022 Percentage: 98%

Projects

Cache — Link Organization Web Application [Live]

- Built a secure full-stack web application that allows users to sign up, authenticate, and save links from platforms such as Twitter, YouTube, and Google Drive.
- Designed RESTful APIs and database schemas to efficiently organize, search, and manage user-specific links.
- Designed scalable deployment with environment-based configuration, authentication safeguards, and performance-optimized queries.

Chatty — Anonymous Real-Time Chat Application [Live]

- Built a lightweight anonymous chat application where users can create or join rooms and communicate in real time without account creation.
- Implemented WebSocket-based real-time messaging with dynamic room management and automatic room destruction when all participants leave.
- Developed a clean and responsive chat interface using React, TypeScript, and Tailwind CSS, focusing on simplicity and low-latency interaction.

Technical Skills

- **Languages:** C, C++, JavaScript, TypeScript
- **Frontend:** HTML, CSS, TailwindCSS, React
- **Backend:** Node.js, Express, REST APIs, WebSockets
- **Databases:** MySQL, MongoDB
- **Tools:** Git, GitHub, Postman, Vercel (Deployment)
- **Relevant Coursework:** Data Structures, OOP, DBMS, Computer Networks

Coding Profiles

- **LeetCode** (Max Rating: 1606)
- **CodeForces** (Max Rating: 1124)

Positions of Responsibility

Content Writer, Quizzer Club NIT Bhopal	Jul 2025 – Present
<ul style="list-style-type: none">• Produced concise and engaging written communication for events, outreach, and club operations.• Collaborated with PR and hospitality teams to facilitate efficient event operations.• Managed content workflows to ensure timely delivery of emails, captions, reports, and promotional material.	