

RHYTHM DOSHI

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🔗 [LeetCode](#)

🌐 [Linkedin](#)

🐙 [Github](#)

EDUCATION

Lakshmi Narain College of Technology, Bhopal

2022 – 2026

B.Tech - Electronics and Communication Engineering - CGPA: 7.90

Bhopal, Madhya Pradesh

Intermediate (Class 12) - Ambuja Vidya Peeth, Rawan

2022

Central Board of Secondary Education (CBSE) - Percentage: 90%

Rawan, Chhattisgarh

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript

Technologies and Frameworks: React.js, Node.js, Express.js, Redux, MongoDB

Developer Tools: Git & Github, Figma, VS Code, IntelliJ

PROJECTS

SocietySync – Society Management Platform 🔗 [\[Node.js, Express.js, MongoDB, React, JWT\]](#)

- Engineered 20+ RESTful API endpoints with JWT authentication and Passport.js, enabling secure, role-based access for 3 user types (Admin, Resident, Worker) and supporting 50+ active users.
- Structured 5+ MongoDB schemas for users, societies, and maintenance requests, powering event scheduling, visitor management, and maintenance ticketing functionalities.
- Implemented a skill-based worker assignment system and integrated emergency calling, reducing maintenance request resolution time by 30% through automated matching and instant admin notifications.
- Optimized application performance by decreasing average API response time by 25%, refining frontend data fetching, and applying code splitting to reduce initial bundle size by 40%.

BuzzTube – Video Sharing Platform 🔗 [\[Node.js, Express.js, MongoDB, EJS, Bunny Stream, ImageKit, Google OAuth\]](#)

- Architected a video-sharing platform supporting 100+ registered users, enabling seamless uploads, channel creation, and real-time user engagement with consistent reliability.
- Developed an interactive creator dashboard for managing 50+ channels, providing real-time analytics, content editing tools, and detailed watch-time insights to enhance user retention.
- Implemented **shorts and video upload** with adaptive streaming via Bunny Stream and secure thumbnail delivery using ImageKit, reducing average loading times by 70% and supporting uploads up to 500MB.
- Integrated **Google OAuth** for secure authentication, scalable comment threads, tagging system, and real-time status updates for 1,000+ comments via Socket.io.

Lively – Random Chat & Video Call Platform 🔗 [\[Node.js, Express.js, WebSockets, WebRTC, EJS, TailwindCSS\]](#)

- Developed a real-time platform enabling random anonymous text and video chats, handling up to 500 concurrent users with zero latency using WebSockets and WebRTC.
- Engineered a user-friendly, responsive frontend with **TailwindCSS** and **EJS**, achieving 99% mobile and desktop compatibility for smooth communication.
- Integrated **WebRTC** for real-time video calling, reducing video call setup time by 70% compared to peer-server-dependent systems.
- Built scalable backend with **Node.js** and **Express.js**, enabling rapid user pairing and message delivery for over 10,000 sessions per day.

AWARDS and ACHIEVEMENTS

- * **Solved 580+ LeetCode Problems** – Strengthened skills in **Data Structures, Algorithms, and Problem-Solving**. 🔗
- * **3rd Place – Research Paper Presentation** – Presented on "Memory Output Feedback in 2D Discrete Models".
- * **5th Place – Inter-College Coding Competition** – Ranked top 5 among 150+ participants.

CERTIFICATIONS

- Frontend Domination - Sheryians Coding School
- DSA - Sheryians Coding School
- Java Programming - Sheryians Coding School
- Backend Domination - Sheryians Coding School