

AMAN TOMAR

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PROFESSIONAL SUMMARY

Final-year B.Tech Computer Science student (RGPV, 2026) with hands-on experience building and deploying full-stack web applications for real clients. Comfortable working across the stack — from REST API design and database modeling to frontend development and cloud deployment. Currently deepening expertise in TypeScript, Next.js, and system design. Seeking a software engineering role where I can contribute from day one and grow alongside a strong team.

TECHNICAL SKILLS

Languages: C++, JavaScript (ES6+), SQL

Frontend: React.js, HTML5, CSS3, Tailwind CSS, EJS

Backend: Node.js, Express.js, RESTful API Design, JWT Authentication, Socket.io

Databases: MongoDB, MySQL

Tools: Git, GitHub, Postman, VS Code

Core CS: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks

WORK EXPERIENCE

Freelance Full-Stack Developer

2024 – Present

Trisect Global & Global Education Council

- Built and deployed production-ready full-stack web applications for two clients using Node.js, Express.js, MongoDB, EJS, HTML, and CSS — managing the entire development lifecycle from requirements to post-launch support.
- Designed RESTful APIs for authentication, user management, and core workflows; validated all endpoints with Postman and resolved edge cases in production.
- Integrated Nodemailer for automated transactional emails, diagnosing and fixing SMTP configuration and delivery issues end-to-end.
- Independently handled requirement gathering, system design, development, deployment, and client communication across both projects.

PROJECTS

ExpertLancer – Full-Stack Freelancing Platform | |

2024

Node.js · Express.js · MongoDB · Socket.io · AWS EC2 · Nginx · JWT · Tailwind CSS

- Designed and built a full-stack freelancing platform from scratch, covering schema design, API layer, authentication, and real-time features — end to end.
- Implemented JWT-based authentication, category-based project matching, and live community chat using Socket.io.
- Deployed on AWS EC2 with Nginx as a reverse proxy and PM2 for process management; configured security groups for a stable production environment.
- Diagnosed and resolved Socket.io connectivity issues and authentication edge cases directly in production.

CineVerse – Movie Recommendation Web App | |

2024

React.js · Tailwind CSS · External REST APIs · React Hooks

- Built a responsive React.js app for browsing movies, TV shows, and actor profiles via external APIs, with dynamic search and category filtering.
- Optimized API call patterns using `useEffect` and `useState` to reduce redundant network requests and improve page performance.
- Designed a clean, mobile-first UI with Tailwind CSS for a smooth experience across device sizes.

EDUCATION

B.Tech in Computer Science

2022 – 2026

LNCTS, Bhopal | RGPV University · CGPA: 7.66

Relevant: Data Structures & Algorithms, Operating Systems, DBMS, Computer Networks, OOP

CERTIFICATIONS

- Full Stack Web Development – Frontend & Backend
- Introduction to Databases – Meta, Coursera
- Version Control – Meta, Coursera

LEADERSHIP & ACTIVITIES

- Team Lead, The Orator's Club – LNCT: Led club operations, coordinated public speaking events, and managed a team of members.
- Volunteer, Google Developer Student Club (GDSC) – LNCTS: Helped organize technical workshops and coding events, collaborating cross-functionally to support developer community growth.