LNMIIT
The LNM Institute of Information Technology

TANMAY KHANDELWAL
B.Tech. - CSE
Ph: +91-9664488251
Email: 23ucs723@lnmiit.ac.in
Jaipur, Rajasthan, India - 302012

KEY EXPERTISE

Web Development · C++ · ReactJS · Express · MongoDB · SQL · NodeJS · Git · Github · Javascript · TypeScript · HTML · CSS

EDUCATION

LNM Institute of Information Technology	2023 - 2027
B.Tech. - CSE	CGPA: **8.36 / 10**	

Tagore Public School	2022
12th	CBSE	Percentage: **87.40 / 100**	

Warren Academy	2020
10th	CBSE	Percentage: **95.10 / 100**	

INTERNSHIPS

Mentox Technologies Pvt Ltd | E-Learning / Edtech   01 Jun, 2025 - 31 Jul, 2025
Backend Developer Intern
During my internship as a Backend Developer at Mentox Technologies Pvt. Ltd., I was responsible for designing, developing, and maintaining backend services that powered the company's intelligent ERP platform. My work emphasized building scalable APIs, robust database models, and automation workflows that enhanced the efficiency and reliability of the system.
I worked extensively with Node.js, Express, and MongoDB (Mongoose) to architect server-side logic and implement data-driven features. A significant portion of my contribution involved designing database schemas, implementing pre-save hooks, and creating reusable service layers to ensure clean and maintainable code. I was also responsible for writing CRUD operations, validation layers, and integration logic, which formed the backbone of various ERP workflows.

PROJECTS

Predictive Maintenance of Machines

Key Skills: Artificial Intelligence · ML · Python

Developed an ML-powered Predictive Maintenance System to classify machine failure types based on IoT sensor readings. Performed EDA, feature engineering, and hyperparameter tuning for Random Forest Classifier, achieving strong predictive performance. Containerized preprocessing pipeline using OrdinalEncoder + StandardScaler

CampusConnect

Key Skills: Javascript · ReactJS · Express.js · Socket.io · MongoDB · NodeJS · Webrtc · Redux

This project is a real-time communication platform designed specifically for verified university students, combining WebRTC-based video conferencing, random peer matching, watch parties, and live chat into a single, cohesive system.
The platform supports one-to-one and multi-participant video sessions, random interest-based matching, synchronized media playback (watch parties), screen sharing, real-time chat, and device-level media control, all while enforcing student-only access via university email verification.

The Discount Shop

Key Skills: ReactJS · TypeScript

Project Link: https://e-commerce-five-rust-53.vercel.app/

Built a full-stack e-commerce web application using React and Supabase with secure phone-based authentication, role-based pricing (retail/wholesale), and WhatsApp-based order confirmation. Designed normalized PostgreSQL schemas with Row Level Security (RLS), implemented cart, wishlist, category-based browsing, and persisted orders before redirecting users to WhatsApp. Optimized authentication flows, prevented RLS recursion issues, and ensured consistent client-side session handling for reliable data loading.

ACHIEVEMENTS

- 300+ DSA problems solved across various coding platforms

POSITIONS OF RESPONSIBILITY

ACM - WEB DEVELOPMENT LEAD

Headed the Web Development team at ACM, mentoring peers and leading the development of scalable, responsive web applications.

Conducted workshops and code reviews while maintaining the chapter's web platforms and enforcing best practices.

PERSONAL DETAILS

Gender: Male
Marital Status: Single
Current Address: S-2,98,Brij Mandal Colony, Kalwar Road, Jhotwara,Jaipur, Jaipur, Rajasthan, India - 302012
Email: 23ucs723@lnmiit.ac.in

Date of Birth: 09 Feb, 2004
Known Languages: English, Hindi
Phone Number: +91-9664488251

WEB LINKS

- Github - https://github.com/RecurringNoob
- Other - https://codeforces.com/profile/TanmayKH
- Personal - https://697ba924ac86a82dac835aa5--tanmaykhandelwal.netlify.app/