TANMAY KUMAWAT

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LinkedIn | GitHub

PROFESSIONAL SUMMARY

Full Stack Developer (MERN) and B.Tech Graduate (2025) with hands-on experience in building secure, scalable, and role-based web applications. Strong backend expertise in Node.js, Express.js, MongoDB, and authentication systems using JWT and Bcrypt. Proven ability to integrate AI APIs, cloud storage solutions, and develop real-world projects with clean architecture and performance optimization.

TECHNICAL SKILLS

Frontend: HTML5, CSS3, JavaScript (ES6+), React.js, Tailwind CSS, Context API

Backend: Node.js, Express.js, REST APIs

Databases: MongoDB, MySQL

Authentication & Security: JWT, Bcrypt, Role-Based Access Control

Cloud & Tools: Cloudinary, Git, GitHub, Postman

AI & APIs: OpenAI API, Gemini

EXPERIENCE / INTERNSHIPS

Full Stack Development Intern – PACE INFOTECH   **July 2024 – August 2024**
- Developed full-stack MERN applications.
- Designed RESTful APIs using Node.js and Express.js.
- Implemented secure authentication using JWT and password encryption with Bcrypt.
- Worked with MongoDB schemas, CRUD operations, and API testing using Postman.

Web Development Intern – Learn and Build   **June 2022 – July 2022**
- Built responsive web pages using HTML, CSS, and JavaScript.
- Improved UI responsiveness and cross-browser compatibility.
- Collaborated on frontend enhancements and layout optimization.

PROJECTS

Stress Checker
- Developed a MERN-based mental wellness platform with stress assessment modules.
- Implemented facial emotion analysis for mood detection.
- Integrated music therapy and stress-aware task management features.

Grocery Management System (RBAC)
- Built a full-stack grocery platform with Admin and User role-based access.
- Secured APIs using JWT and implemented protected routes.
- Managed inventory, categories, cart, and order flow.

AI Text-to-Image Generator
- Implemented a complete "User Authentication" system (Login/Signup).
- Integrated AI image generation APIs with the MERN stack.

MERN Authentication System
- Implemented OTP-based email verification using NodeMailer.
- Handled password encryption, JWT-based sessions, and protected routes.

AI-Powered Code Reviewer
- Engineered an automated code auditing tool using LLM APIs.
- Provided real-time performance optimization suggestions.

EDUCATION

B.Tech in Information Technology   **Graduate: 2025**
Poornima College of Engineering, Jaipur   **CGPA: 7.33**