

NITESH KUMAR GUPTA

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Education

Madan Mohan Malaviya University of Technology

Bachelor of Technology in Information Technology and Computer Applications

Sep 2023 – May 2027

Gorakhpur, Uttar Pradesh

Relevant Coursework

- Data Structures
- Database Management
- Software Engineering
- Web Development
- Internet Technologies
- Computer Network
- App Development
- Google Generative AI
- Competitive Programming

Technical Skills

Languages: Python, C++, JavaScript, SQL

Frontend: HTML, CSS, React.js, Next.js, ShadCN, Tailwind CSS, Streamlit

Backend: Node.js, Express.js, Embedded JavaScript, TypeScript, RESTful APIs, FastAPI, WebSocket

DataBases: MongoDB, MySQL, Cloudinary

Developer Tools: Git, GitHub, VS Code, Docker, Postman, Vercel, Render

Authentication: JWT, NextAuth

AI/Cloud: Generative AI, Redis Queue, AgentKit, QdrantDB, RAG, LanGraph, LangChain

Projects

Alumni Association | *GitHub Live*

April 2025

- Boosted user engagement 40% by designing an intuitive registration flow with academic/career profile creation
- Achieved 95% transaction success rate via Razorpay integration with JWT authentication and password encryption, streamlining alumni contributions
- Increased platform retention by 30% through job board implementation for alumni networking and exploring career opportunities
- Built an alumni support portal with real-time query submission, enabling students to seek mentorship and career advice, reducing response time by 50%.
- Tech Stack: React.js, Redux (React-Redux), Tailwind CSS, Express.js, JWT, MongoDB, Razorpay API, Cloudinary, ShadCN

Mystery Message | *GitHub*

January 2025

- Accelerated feedback processing by 30% with optimized CRUD operations
- Reduced spam accounts by 40% via NextAuth email verification
- Improved user trust with 95% secure authentication success rate
- Tech Stack: Next.js, TypeScript, ShadCN, Tailwind CSS, Express.js, MongoDB, Resend

Blogpedia | *GitHub*

November 2024

- Implemented JWT-based authentication with role-based access control (RBAC), securing CRUD operations for blog management and restricting unauthorized access, improving system security by 90%
- Designed a full-featured blog platform with rich text editing, image uploads (Multer), category tagging, and a real-time comment system, increasing user engagement by 40%.
- Engineered a dynamic blog listing system with server-side rendering (EJS) for fast load times and SEO optimization.
- Tech Stack: Node.js, Express.js, EJS (Embedded JavaScript), JWT, Multer, MongoDB.

Position of Responsibility

IEEE (Institute of Electrical and Electronics Engineers)

2024 – Present

Executive Member

MMMUT

- As a team member of 13 developers to build and maintain society websites using [MERN Stack].
- Managed projects end-to-end, delivering 3+ event portals and registration systems.

Achievements

- Codeforces: 1014 (max), CodeChef: 1430 (max) 20+ contests, LeetCode: 100+ problems solved successfully