NISHI SHUKLA

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EDUCATION

KIET Group Of Institutions   **2023 − 2027**
Bachelor of Technology - **8.1 CGPA**   *Ghaziabad, India*

Kendriya Vidyalaya   **2022**
High School, Intermediate - **94% (Class X), 91.6% (Class XII)**   *Kanpur, India*

PROJECTS

MedicoAI ⬀ | React, Tailwind CSS, Express.js, PostgreSQL, Clerk, NeonDB   **Nov 2025 - Ongoing**
- Developed a full-stack AI-powered medical assistant with real-time voice interaction and sentiment analysis..
- Optimized PostgreSQL queries with indexing, improving query performance by 40%.
- Integrated automated report generation, secure record storage, and payment workflows.
- Developed a clean, mobile-responsive interface improving user task completion time by 25%.

Authentication System ⬀ | Secure MERN Auth (Express, JWT, MongoDB, Bcrypt, Nodemailer)   **Sep 2025 - Oct 2025**
- Implemented secure user registration, login, logout, email verification, and password reset workflows.
- Designed JWT access/refresh token architecture reducing authentication failures by 30%.
- Added encrypted password hashing and email automation achieving 100% deliverability using Nodemailer.
- Created modular Express middleware reducing duplicate backend logic by 40%.

LeetCode Helper — Chrome Extension ⬀ | JavaScript, Gemini AI   **Jul 2025 - Aug 2025**
- Built a Chrome extension used by 200+ learners to get structured AI-generated LeetCode hints.
- Integrated Gemini API for context-aware hints improving problem-solving efficiency by 30%.
- Optimized response engine to achieve under 120ms generation time.

MyAI – AI Productivity Suite ⬀ | JavaScript, Gemini AI   **Jul 2025 - Aug 2025**
- Created an AI-based productivity platform offering 5+ tools, including image generation, background removal, content writing, and resume scoring.
- Made 12+ REST APIs achieving 98% uptime and secured user auth with Clerk.
- Improved frontend rendering speed by 40% using React optimization techniques.

TECHNICAL SKILLS

Languages: Python, JavaScript, C++ , SQL
Frameworks/Tech: React, Node.js, Express.js, MongoDB, PostgreSQL, Tailwind CSS, Clerk
Developer Tools: Git, GitHub, Docker, VS Code, Jupyter Notebook, Postman
Others: REST APIs, JWT , Nodemailer, Middleware, Authentication/Authorization

CODING PLATFORMS

- Solved **400+** problems on LeetCode (Profile Link).
- Codeforces Profile: (Profile Link).

EXTRACURRICULAR

- Participated in 3+ hackathons, contributing to practical, real-world solutions.
- Collaborated on SIH and Innotech projects focusing on scalable application development.