Siddhant Jain

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EDUCATION

LNCT Group of Colleges (LNCTE)	Nov 2022 – Jul 2026
B.Tech. in Computer Science	*Bhopal, MP*

TECHNICAL SKILLS

Frontend: React.js, Next.js, React Native, Tailwind CSS, HTML5, CSS3, JavaScript, TypeScript

Backend / Programming: Python, Java, C++, Node.js, Express.js, FastAPI, Django, REST APIs, Auth & JWT, Middleware, Async Programming, Redis, Ai Agents(Langraph),,

Databases: MongoDB, MariaDB, PostgreSQL

Machine Learning: Scikit Learn(Supervised Models, K-Means Clustering), Pandas, NumPy, Matplotlib

DevOps & Tools: Linux, Docker, Nginx, Azure, SSH, Containerization, Zustand, WebSockets

Web Security Tools: Burp Suite, SQLmap, XSSer, FFUF, Nmap, OWASP ZAP, Nikto

EXPERIENCE

Full Stack Developer — Sep 2023 – Apr 2024
AICTE IDEALAB, Bhopal, MP
- Developed a responsive full-stack website using **Next.js** and **Tailwind CSS** for seamless user experience.
- Implemented a secure admin panel with **JWT and CSRF** protection.
- Integrated an image gallery to showcase organizational events, increasing student engagement.

Frontend Developer Intern — Apr 2023 – Sep 2023
KLIC Kalchuri Incubation Center, Bhopal, MP
- Developed **5+** frontend websites using HTML, CSS, JavaScript, and React.
- Applied responsive design techniques to ensure mobile compatibility.
- Collaborated with design and backend teams under **Apeiro Medica** in the Dare to Start program.

PROJECTS

CoolGuide | *FastAPI, Next.js, Zustand, Scikit-learn, Express.js, MongoDB, Socket.IO* — Visit Live
- Architected a full-stack electronics recommendation and community platform managing **100+ product listings and blog articles**, implementing dynamic multi-parameter filtering with optimized API response times under **200ms**.
- Designed and integrated a **similarity-based recommendation engine** generating personalized top-k suggestions using feature normalization and distance-based ranking algorithms.
- Developed **real-time chat and threaded discussions** using Socket.IO with an event-driven architecture, maintaining sub-100ms message latency across concurrent users.
- Deployed modular **RESTful APIs on Azure Virtual Machines**, configured public IP networking, managed Nginx as a reverse proxy, and streamlined CI/CD workflows from development to production with secure authentication and protected routes.

CoolCounsel | *React, Tailwind CSS, JavaScript, Express.js, MongoDB* — Visit Live
- Built a full-stack mock counseling platform processing **5+ years of MP DTE cutoff and seat allotment data** (10,000+ records) to simulate real admission rounds.
- Developed a **data-driven prediction engine** achieving **90%+ recommendation accuracy** by matching user rank, category, and preferences against historical trends, and successfully served **1,000+ users**.

ACHIEVEMENTS

- **Solved 350+ problems on LeetCode**, covering arrays, strings, dynamic programming, sql,trees, graphs, and algorithms, strengthening problem-solving and data structures expertise.
- **Semi-Finalist**, Smart India Hackathon 2023 & 2024 – Led **Keen Devs** & **Curious Conquerors**; built **GeoTrack** (attendance tracker) & **Legal Gyaan** (legal assistant) using **React Native, WebSocket, GPS, Node.js, MongoDB, NLP**.