# 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, Kafka, Redis, RPC, GraphQL

**Databases:** MongoDB, MariaDB, PostgreSQL

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

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

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

## EXPERIENCE

**Full Stack Developer (Contract)** — 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
- Built a responsive electronics recommendation and forum platform optimized for desktop and mobile.
- Integrated a **KNN-based ML model** for personalized top-k product recommendations and intelligent product search.
- Implemented dynamic category filtering, live chat, forum discussions, and secure user authentication using Zustand-based state management.

**KNNFitSense | *React, Flask, Scikit-learn, Tailwind CSS, JavaScript*** — Visit Live
- Developed a fitness level prediction web app using a K-Nearest Neighbors (KNN) classifier with Flask backend and React frontend.
- Predicted user fitness levels (Low, Medium, High) based on age, BMI, daily steps, workout frequency, diet rating, and resting heart rate.
- Created an interactive UI for data input and result visualization to enable real-time predictions.

**CoolCounsel | *React, Tailwind CSS, JavaScript, Express.js, MongoDB*** — Visit Live
- Developed a full-stack mock counseling platform using historical MP DTE data.
- Achieved **90%+** prediction accuracy for college/branch recommendations, helping thousands of students.
- Utilized five years of cutoff and seat allotment data to generate personalized and data-driven recommendations.

## 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**.