Nainsi Gupta

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Education

B.Tech. in Computer Science and Engineering	*2022 - 2026*
VIT Bhopal University	***CGPA – 8.47/10***
Class XII *Shanti Dham School, Atarra (2020 – 2021)*	***88%***
Class X *Shanti Dham School, Atarra (2018 – 2019)*	***88.6%***

Technical Skills

Languages: C++, JavaScript, Python, HTML, CSS
Frameworks: React.js, Node.js, Express.js, Next.js
Databases: MongoDB, MySQL
Core Concepts: Data Structures and Algorithms, OOPs, DBMS, Operating Systems, Computer Networks, ML

Projects

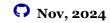**NagarTrack - Governance & Issue Tracking Platform | MERN Stack, Google OAuth , ML** ⭘ **Ongoing**
- Built a MERN stack platform with 1000+ users to register, choose wards, and file civic complaints (safety, drainage, etc.) with real-time status tracking.
- Streamlined submissions via QR code-based access; designed an admin dashboard for ward officials to track, update, and resolve 500+ issues efficiently.
- Leveraged ML models to analyze complaint patterns, forecast high-risk areas, and generate data-driven governance reports with 30% improved resolution accuracy.

CollabCampus - Campus Connect | React.js, Node.js, Express.js, MongoDB, Web Scraping, NLP ⭘ **Apr, 2025**
- Developed a full-stack social networking platform connecting students, alumni, and faculty with features like connection requests, follows/unfollows, and real-time chat.
- Implemented 10+ interactive modules including post sharing, commenting, reactions, media uploads, profile previews, and personalized skill-based dashboards, to enrich platform interactivity.
- Integrated a job-scraping engine using Puppeteer, Cheerio, and Natural (NLP) to fetch and match job listings to user profiles based on relevance.

Employee Management System | React.js, Tailwind CSS, Node.js, MongoDB ⭘ **Nov, 2024**
- Engineered a full-stack system to manage employee records, task assignments, and leave tracking in real-time, reducing internal task processing time by 50%.
- Developed an HR dashboard displaying 10+ workforce metrics (e.g., attendance trends, project load, performance scores), enabling data-driven decisions and improving team efficiency by 30%.
- Optimized backend performance to support concurrent users with minimal latency and implemented secure CRUD operations with role-based access control for admins and employees.

Internships

Software Development Engineer Intern	*Remote*
Bluestock Fintech	*Jan 2025 – Feb 2025*

- Built an admin dashboard using React.js and Node.js to manage upcoming IPOs, reducing manual data entry errors and enabling faster, more accurate market disclosures.

Achievements

- **Hackathon Participation:** Recognized as *Next-Gen Thinker* at Providence Leap Ideathon for proposing a web app-based solution with SMS/voice-enabled healthcare access, enabling 3x broader access and 30% more accurate records using ML-driven input validation
- **Algorithmic Solutions Development:** Solved 500+ problems on GeeksforGeeks & LeetCode, specializing in DSA with C++; achieved university rank 150 on GFG and top 6.9% globally on LeetCode with '100 Days Badge 2025.'
- **Coding Consistency:** Completed #100DaysofCode and #365DaysofCode challenges, enhancing problem-solving patterns and applying hands-on learning to real-world DSA problems.

Certifications

Marketing Analytics – *NPTEL, IIT Kharagpur*	April, 2025
Winter Internship Technical Training Program – *India Space Lab*	January, 2025
Cloud Computing – *NPTEL, IIT Kharagpur*	May, 2024
Bits and Bytes of Networking – *Coursera*	December, 2023