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<https://github.com/RitikaBhadani11>

**Education**



**B.Tech. in Computer Science and Engineering** *2022 - 2026*

*VIT Bhopal University* ***CGPA – 9/10***

**Class XII** *Nazareth Academy, Gaya (2020 – 2021*) **93.2*%***

**Class X** *Nazareth Academy, Gaya (2018 – 2019)* ***92%***



**Technical Skills**

**Languages:** C++, Java, JavaScript, HTML, CSS  
**Frameworks:** NodeJS, ReactJS  
**Databases:** MongoDB, MySQL  
**Core Concepts:** Data Structures and Algorithms, OOPs, DBMS, Operating Systems, Computer Networks



**Projects**

**Alumni-Student Connection Platform | Node.js, React, My, JavaScript, AWS, ML** [](https://github.com/Nainsi-6/Alumni-Connect-Website) **Ongoing**

* Built a social media platform connecting 5,000+ alumni, students, and faculty, enhancing networking and career opportunities.
* Improved job discovery by 40% through an intuitive interface and an AI-driven recommendation system, boosting engagement by 35%.
* Integrated secure user authentication (99.9% uptime) and scalable data management, ensuring seamless interactions.
* Optimized database queries, reducing data retrieval time by 45% for faster content loading and improved user experience.
* Developed a personalized AI chatbot, assisting users in event discovery, job recommendations, and networking guidance.

**Inventory Management System | HTML, CSS, JavaScript, PHP, MySQL** [](https://github.com/Nainsi-6/Inventory-Management-System) **April, 2024**

* Engineered an IMS that automated stock tracking, reducing manual errors by 40% and improving inventory accuracy by 30%.
* Implemented real-time dashboards linked to a secure database, optimizing stock replenishment by **35%** and minimizing discrepancies.
* Reduced order processing time by 50%, enabling faster restocking and preventing inventory shortages.
* Enhanced security measures, ensuring data integrity and preventing unauthorized access to inventory records.

**Internships**

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**Software Development Engineer Intern** *Remote*

*Bluestock Fintech 1 Dec 24 – 31 Jan 2025*

* Developed a Full Stack Web application (Admin App for Adding Financial Data) and API Endpoint for Mobile App that provides Stock Market Listed Nifty-100 Companies Fundamental information to the public.



**Achievements**

* **Hackathon Participation:** Recognized as a Next-Gen Thinker at Providence Leap Ideathon. Proposed an SMS and voice-based data collection solution, enhancing healthcare access for 10,000+ underserved individuals and improving data accuracy by 30% through ML integration.
* **Algorithmic Solutions Development:** Solved 250+ problems on GeeksforGeeks & 150+ on LeetCode, specializing in DSA (Java). Achieved university rank 700 on GFG, demonstrating analytical and coding proficiency.

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* 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

**Certifications**