

Ritika Bhadani

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🔗 <https://github.com/RitikaBhadani11>

Education

B.Tech. in Computer Science and Engineering

VIT Bhopal University

Class XII Nazareth Academy, Gaya (2020 – 2021)

Class X Nazareth Academy, Gaya (2018 – 2019)

2022 - 2026

CGPA – 9/10

93.2%

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

🔄 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

🔄 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

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.

Certifications

- 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