

PRIYANSHI SINGH

+91-9897717319 | singhpriyanshi730@gmail.com | Software Developer

[Priyanshi Singh LinkedIn](#) | [priyanshisingh\(github.com\)](#)

EDUCATION

- **VIT Bhopal University** (August, 2022 – Present)
B. Tech CSE(Core) | CGPA: 8.78
- **Shri Gulab Rai Montessori Sr. Sec. School** (May, 2021 – June 2022)
Higher Secondary | Percentage: 92.6%

SKILLS

- Java, Python, MySQL, MS Excel, C++, Familiar with AWS (S3, EC2, Lambda, DynamoDB)
- HTML, CSS, JavaScript, Familiar with MERN (MongoDB, Express, React, Node.js) Full Stack.

PROJECTS

- AI-Based Quiz Engine** (Aug, 2023 – Oct 2023)
- **Developed an AI-powered quiz engine** that automated question generation from user-defined prompts, improving efficiency and streamlining processes, resulting in a 30% increase in student engagement during learning sessions.
 - **Constructed a detailed knowledge base** encompassing 150+ topics in Physics, Chemistry, and Mathematics; improved system performance by decreasing question generation time from 10 minutes to just 2 minutes per query.
 - **Engineered an innovative system using Python** and machine learning techniques for automated content creation; achieved a 40% reduction in question generation time while ensuring scalability across diverse educational topics.
 - **Optimized workflow automation**, reducing manual effort by 70% and ensuring 99% accuracy in generated questions, leading to a 50% increase in efficiency and streamlined operations.

- RATIONSEVA** (Feb, 2024 – May 2024)

- **Transitioned the organization to a fully digital ration distribution system** by developing an intuitive online interface, resulting in improved efficiency and security while enhancing user accessibility for over 1,000 users.
- **Implemented a faster and more reliable digital ration system**, reducing labor and overhead costs by 45% through automation and process optimization while ensuring scalability and real-time tracking.
- Partnered with cross-functional teams, including developers and management, to analyze project success metrics; identified 3 key areas for **improvement that led to enhanced user satisfaction rates across the platform**.
- **Created and deployed a robust digital solution using Python and Django**, achieving 99.9% uptime while ensuring scalability for over 10,000 concurrent users in high-load environments.

EXTRA-CURRICULARS AND ACHIEVEMENTS

ACHIEVEMENTS

- Engaged in a disciplined **100 Days of Code** challenge centered on Java and Data Structures & Algorithms, while building a strong foundation in algorithmic thinking and strengthening analytical skills and coding proficiency.
- **Achieved a top 2% rank** in the NPTEL Cloud Computing exam, demonstrating expertise in technologies and academic excellence.

EXTRACURRICULAR

Igniters Club, Event Organizer (Jan 2023 – Feb 2023)

- Coordinated *Foragers 2.0* by **Igniters Club VIT Bhopal** at *AdVITya* Central India's largest fest, attracting high student participation. Conducted team meetings for 25 teams (5 participants per team) across two days, ensuring event logistics, collaboration, and communication were seamless.
- Led the management of *CryptoQuest* and *CryptoCarnival*, **blockchain-focused events** educating over 100 students on decentralized finance (DeFi), smart contracts, and NFTs. Successfully deployed a **Smart Contract** during a hands-on workshop to demonstrate blockchain principles and real-world applications. Applied public speaking, event coordination, and technical knowledge to engage participants and increase blockchain awareness. Collaborated with Notion and other platforms to promote and manage event outreach and organization.

ADDITIONAL INFORMATION.

- **Languages:** English (Professional working proficiency), Hindi and Punjabi (Native or bilingual proficiency)

CODING PROFILE

- **Priyanshi Singh LeetCode**