

YASHNOOR GREWAL

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[Yashnoor Grewal LinkedIn](#) | [yashnoorgrewal \(github.com\)](#)

EDUCATION

- **VIT Bhopal University** *(August, 2022 – Present)*
B.Tech. CSE(Core) | CGPA: 8.91
- **Shri Gulab Rai Montessori Sr. Sec. School** *(May, 2021 – June 2022)*
Higher Secondary | Percentage: 92.4%

SKILLS

- Java, C++, MySQL, MS Excel, Python, 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 around 100 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 100 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 90% uptime while ensuring scalability for over 100 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

- **National Service Scheme - VIT Bhopal University** – Spearheaded planning for women's empowerment events during 'International Women's Day', resulting in increased local participation by 40% and heightened awareness of gender equality issues among villagers.
- Impacted more than 100 local residents with a skit that promoted gender equality and social change by bringing attention to women's rights, equality, and empowerment.

ADDITIONAL INFORMATION

- **Interests:** Gaming, Football, Motorsports Racing, Listening Music, Tech Trendy.
- **Languages:** English (Professional working proficiency), Hindi and Punjabi (Native or bilingual proficiency)

CODING PROFILE

[Yashnoor Grewal LeetCode](#)