

Vanshika Jain

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EDUCATION

Vellore Institute of Technology, Bhopal

Bachelor of Computer Science & Engineering

CGPA: 8.77 on a scale of 10.00

Bhopal, MP

Oct 2022 – Jun 2026

The Shishukunj International School

Class XII (CBSE) Grade: 94.6%

Class X (CBSE) Grade: 96.2%

Indore, MP

Apr 2022

Apr 2020

TECHNICAL SKILLS

Languages: Python, SQL

Data Analytics and Visualization: Excel, numpy, scikit-learn, pandas, matplotlib, seaborn, PowerBI, Tableau

Databases: MySQL, MongoDB

Cloud & Tools: AWS, Docker, N8N, Git, GitHub

UI/UX: Figma, Canva

PROJECTS

Supply Chain Analytics using AI Tools

Mar 2025

Tech Stack: Python, PostgreSQL, Supabase, N8N, Quadratic AI, Excel

- Developed an AI-driven supply chain analytics workflow integrating Quadratic AI with N8N automation to streamline data processing across 1000+ records.
- Engineered Excel data import into PostgreSQL on Supabase, reducing manual effort and improving data accuracy by 50%.
- Leveraged AI tools for data cleaning and analysis, delivering actionable insights that enhanced supply chain decision-making efficiency.

Sales Insights Dashboard using Tableau

Jan 2025

Tech Stack: Tableau, MySQL, Excel, Data Modeling, KPI Analytics

- Designed and implemented an interactive Tableau dashboard to monitor real-time sales across regions and customer segments.
- Transformed and refined 150,000+ MySQL sales records to create clean, actionable visualizations for data-driven strategies.
- Integrated dynamic filtering and drill-down capabilities, increasing usability and supporting targeted marketing efforts effectively across 5+ business units.

EXTRA CURRICULAR ACTIVITIES

iOS Club, VIT Bhopal

Bhopal, MP

Co-Lead, Event Management Team

Jan 2023 - Oct 2024

- Co-led a 15-member team to plan and execute 5+ technical and cultural campus events, ensuring smooth logistics, vendor coordination, and on-time delivery.
- Streamlined event workflows by streamlining operations and integrating feedback, resulting in higher efficiency and attendee satisfaction.

Mrityunjai (NGO)

Indore, MP

Youth Volunteer

Jan 2019 - Dec 2022

- Promoted water conservation and green initiatives through 20+ youth-led campaigns, driving awareness and participation across the local community.
- Contributed to the betterment of the 400+ villagers of “Padhav” by coordinating sustainability programs and development-focused activities.

ADDITIONAL

Certifications: freeCodeCamp – Data Analysis with Python; IBM – GEN AI Using IBM Watsonx; SmartBridge – Fullstack Developer MERN; NPTEL – Cloud Computing; NPTEL – Marketing Analytics