

Vanshika Jain

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Skills

Programming: Python, C++, HTML, CSS

Tools and Technologies: Git, GitHub, VS Code, AWS, Canva, PowerBI, Tableau

Databases: MySQL, Excel

Education

Vellore Institute of Technology - Bhopal

Sep 2022 – Sep 2026

Bachelor of Technology in Computer Science and Engineering

CGPA: 8.78/10

Relevant Coursework: Python Programming, Data Structures and Algorithms, Discrete Mathematics and Graph Theory, Calculus and Laplace Transforms, Fundamentals of AI and ML, Applied Linear Algebra, Differential and Difference Equations, Electric Circuits and Systems

Class XII: 94.6% – The Shishukunj International School, Indore (CBSE)

2022

Class X: 96.2% – The Shishukunj International School, Indore (CBSE)

2020

Relevant Coursework: Coursework: Mathematics, Physics, Chemistry, Computer Science

Projects

Supply Chain Analytics using AI Tools

March 2025

- Developed an AI-driven supply chain analytics workflow integrating Quadratic with N8N.
- Automated Excel data ingestion into PostgreSQL on Supabase and used AI tools for cleaning, merging, and analysis to produce actionable insights.
- *Tech Stack: Quadratic AI spreadsheet, N8N, PostgreSQL, Supabase, Python*

Sales Insights Dashboard using Tableau

Jan 2025

- Built an interactive Tableau dashboard to track real-time sales across regions and customers.
- Processed and transformed 150K+ MySQL records to deliver clean, actionable visualizations.
- *Tech Stack: Tableau Desktop, MySQL, ETL, Data Visualization*

Co-Curricular Activity

iOS Club VITB – Event Management Team Co-Lead

2023–2024

Co-led the event management team of 15 students, coordinating logistics, delegating tasks, and ensuring seamless execution of events.

Mrityunjai (NGO) – Volunteer

2019–2022

Worked for and promoted water conservation and green campaigns; Contributed towards the betterment of a nearby village, Padhav.