

Muskan Jadav

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PROFESSIONAL SUMMARY

Computer Science student with strong foundation in SQL, Excel, and data analysis. Experienced in building reports, automating workflows, and deriving business insights from structured datasets. Skilled in problem-solving, documentation, and supporting data-driven operational decisions.

EDUCATION

Vellore Institute Of Technology
Bachelor's in Computer Science

June 2022 – June 2026
CGPA: 8.36/10

WORK EXPERIENCE

Product operations Intern <i>UnlockDiscounts Remote</i>	Feb 2026 – Present
<ul style="list-style-type: none">Created Excel-based performance reports and dashboards for campaign tracking.Analyzed structured data using SQL to identify process gaps.Assisted in root cause analysis of communication and reporting issues, Prepared issue logs and internal documentation for workflow processes.	

PROJECTS

SplitMetrics Engine – Data Analytics & Decision Support Tool

- Built a Python-based analytics API to perform statistical analysis and A/B testing on structured datasets.
- Automated hypothesis testing and metric evaluation to support data-driven product and business decisions.
- Designed scalable data processing workflows for reporting insights and performance comparison.
- Enabled auto comparison of variants to support evidence-based product and feature decisions.

RevenuePulse – Retail Sales Profitability Analytics

- Analyzed 30,000+ sales transactions using SQL to identify revenue trends and top 25 % products contributing to 70 % of total sales.
- Built an interactive Excel dashboard to monitor profit margins, inventory turnover, and category performance.
- Identified pricing and stock inefficiencies, highlighting opportunities to improve overall profitability by 10–15 %.

WalletFlow: Digital Wallet Transaction System *Tech Stack: SQL (MySQL), Relational Database Design*

- Designed a normalized relational database schema to manage users, wallets, balances, and transactions for a digital wallet system handling thousands of records.
- Wrote complex SQL queries using joins and aggregations to generate balance reports and monthly spending insights.
- Enforced data integrity using primary/foreign keys and built analytical queries to identify transaction trends.

TECHNICAL SKILLS

Data Analytics: SQL , Advanced Excel, Google Sheets, Data Cleaning & Transformation, Data Visualization

Programming: Python (Pandas, NumPy – Data Analysis) **Tools:** Power BI, JIRA, Git, Notion

Database: MySQL, KPI Reporting, Business Performance Analysis, Root Cause Analysis, Technical Documentation

Soft Skills: Analytical Thinking, Stakeholder Communication, Attention to Detail, Time management, Willingness to learn

ACTIVITIES

Gujarati Cultural Club (Club Coordinator)

- Organized 3+ large-scale cultural programs with 200+ attendees, managing budgets and logistics.
- Fostered cross-cultural connections through innovative programming and campus outreach.

CRB Foundation (Volunteer)

- Contributed to website development for an NGO based in Bhopal.