VASU AGRAWAL

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TECHNICAL SKILLS

Programming: SQL(Window functions, Advanced select & joins), Python (Pandas, NumPy, Matplotlib, Seaborn), Excel
Analytics & Visualization: Power BI, Python Analytics (Plotly), Tableau, Data Modeling & Workflow
Tools & Databases: MySQL, PostgreSQL, MySQL Server, Draw.io, Git, Jupyter Notebook

EDUCATION

Bachelor's in Technology, Computer Science and Engineering **Expected May 2026**
Vellore Institute of Technology (VIT), Bhopal University, Madhya Pradesh **CGPA: 8.71/10**

PROJECTS

End-to-End SQL Data Warehouse | Data Engineering | SQL | SSMS | Draw.io **August 2025**
- Architected a three-layer data warehouse (Bronze, Silver, Gold) from scratch using SQL Server, implementing ETL pipelines to ingest raw data from CRM/ERP systems and transform it through standardization and normalization.
- Designed star schema in Gold layer for analytics-ready data modeling, creating high-performance business views that support BI dashboards and advanced analytics with complete data lineage and integrity.

Vendor Performance Analysis | Company Standard | Python | SQL | Power BI **July 2025**
- Analyzed $441.41M sales data across 45+ vendors using Python, Power BI and Advanced SQL, identifying top/low performers through correlation insights on 500K+ data points.
- Built interactive dashboard with 25+ visualizations tracking 200+ SKUs; optimized purchasing to reduce holding costs by 22% and improve efficiency by 35%.

HR Analytics Dashboard | Workforce Intelligence | SQL | Power BI **June 2025**
- Developed HR analytics dashboard tracking 2,386 working days with 91.55% present rate and 11.15% WFH rate using advanced data visualization.
- Analyzed attendance patterns through time-series visualizations, identifying 1.08% sick leave trends to optimize workforce planning.

COURSES, CERTIFICATIONS & BADGES

- SQL 50 Badge (Leetcode) | Gold-Level 5 Star SQL Badge (HackerRank) **August 2025**
- Career Essentials in Data Analysis- Microsoft & LinkedIn learning **June 2025**
- Data Analytics Job Simulations - Quantium | Deloitte | Tata (Forage) **June 2025**
- Career Edge Young Professionals - TCS Ion | McKinsey Forward Program **June 2025**

EXTRA-CURRICULAR ACTIVITIES

Treasurer & Finance Student Partner Representative | IEEE VITB Student Branch **March 2024-March 2025**
- Managed budgets and allocated funds for 10+ IEEE events, ensuring 100% financial transparency.
- Implemented cost-effective strategies, reducing event expenses by 15-20% while maintaining quality.

Junior Graphic Design Intern | Abhyaz Internships **April 2023 - June 2023**
- Recognized as 'Intern of the Month' within first 30 days, creating impactful posters and campaigns that increased LinkedIn traffic by 10-20%.

Winner | College Based Business Hunt Competition **February 2023**
- Secured 1st place among 25+ teams with innovative e-commerce concept presented to EventBeep Co-founder (Shark Tank India S1), achieving 95/100 feasibility score with comprehensive 5-stage implementation roadmap.

LANGUAGES

English, Hindi, Gujarati