

KHUSHI TRIPATHI

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Education

VIT Bhopal University BTech Computer Science Engineering with spec. in E-Commerce Technology Cumulative GPA: 8.85/10	Bhopal, Madhya Pradesh 2022-2026
Dr. Virendra Swarup Education Center Panki CBSE Class XII - 89% CBSE Class X – 95%	Kanpur, Uttar Pradesh July 2022 July 2020
Technical Skills	

Languages: C++, Python

Web Technologies: HTML, React.js, Node.js, Next.js, TailWind CSS

Databases: MongoDB, SQL, MYSQL

Other: Machine Learning, Power BI, Data Analytics

Projects

Page Pilot: Personalized Book Recommendation System(Python, MongoDB, SQL)	Aug-Sep 2024
<ul style="list-style-type: none">Engineered a hybrid recommendation system combining collaborative filtering (user-based) and content-based filtering (genre/author similarity) to enhance personalization.Performed data preprocessing & feature engineering (TF-IDF, cosine similarity) to improve recommendation relevance, achieving a 35% boost in accuracy.Built a scalable backend (Python + MongoDB) with optimized queries and deployed a responsive ReactJS frontend for seamless UX.	
SpendSmart: Personal AI Expense Tracker(Node.js, React.js MongoDB)	Feb-May 2024
<ul style="list-style-type: none">Developed a real-time expense tracker with predictive analytics (trend analysis, budget forecasting) using Node.js & MongoDB.Designed NoSQL schemas with indexed fields to accelerate query performance for transaction history.Created an interactive React dashboard with visualizations (charts, spending trends), reducing user onboarding time by 40%.	
Food and Beverages Sales Analysis(Python, Power BI)	March-May 2025
<ul style="list-style-type: none">Developed a Power BI dashboard to analyze food & beverage sales data, leveraging Python (Pandas) for cleaning and EDA to identify top-performing categories, sales trends, and revenue drivers.Created interactive visualizations to highlight key insights, enabling data-driven decisions on inventory, promotions, and sales strategies.Proposed future enhancements like predictive modeling (ML) and real-time data integration to optimize forecasting and customer segmentation.	

Extracurricular Activities

Design Team Lead (E Commerce Club)	Dec 2022- Dec 2024
<ul style="list-style-type: none">Led design initiatives increasing club engagement by 40% through cohesive visual brandingMentored junior members in design principles and collaborative workflows	
Design Team Lead (Cisco Community VITB)	Nov 2023 – Dec 2024
<ul style="list-style-type: none">Directed visual campaigns meeting strict quality standards and deadlinesImplemented creative design strategies improving visual impact by 30%	

Certificates & Achievements

- Foundation Of Digital Marketing and E-Commerce, **Coursera** (Nov- Dec 2023)
- Devops and Agile Methodologies, **IBM**
- E- Supply Chain Management, **NPTEL**
- National Semi-Finalist in **FlipKart Grid 7.0**