KHUSHI TRIPATHI

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Education

VIT Bhopal University	Bhopal, Madhya Pradesh
BTech Computer Science Engineering with spec. in E-Commerce Technology	2022-2026
Cumulative GPA: 8.84/10	

Dr. Virendra Swarup Education Center Panki	Kanpur, Uttar Pradesh
CBSE Class XII - 89%	July 2022
CBSE Class X – 95%	July 2020

Projects

Page Pilot: Personalized Book Recommendation System   Aug-Sep 2023

Tech Stack: Python (Pandas, Scikit-learn), Java, MongoDB, ReactJS, API

- Designed a hybrid recommendation engine combining **collaborative filtering** (user-based) and **content-based filtering** (genre/author similarity).
- Led full-stack development, ensuring seamless integration of backend (Python/Java) and frontend (ReactJS).
- Implemented robust testing and iterative improvements, resulting in a 35% improvement in recommendation accuracy.

SpendSmart: Personal AI Expense Tracker   Feb-May 2024

Tech Stack: Node.js, Express, MongoDB, ReactJS

- Developed a **scalable backend** (Node.js, Express, MongoDB) for real-time budget tracking and alerts.
- Designed an intuitive UI with **ReactJS**, reducing user onboarding time by 40%.
- Structured NoSQL schemas for efficient querying of transaction history (indexing on date/userID).
- Spearheaded Agile workflows, delivering the project 2 weeks ahead of deadline.

Extracurricular Activities

Design Team Lead (E Commerce Club)   Dec 2022- Dec 2024

- Led design initiatives increasing club engagement by 40% through cohesive visual branding
- Mentored junior members in design principles and collaborative workflows

Design Team Lead (Cisco Community VITB)   Nov 2023 – Dec 2024

- Directed visual campaigns meeting strict quality standards and deadlines
- Implemented creative design strategies improving visual impact by 30%

Technical Skills

Programming Languages: Java, C++, Python
Web Technologies: HTML, ReactJS, Node.js, Express
Databases: MongoDB, SQL, MYSQL, NOSQL
DevOps & Cloud: Agile Methodologies and CI/CD pipelines
Other: Machine Learning, Blockchain, Power BI, Data Analytics, Data Structures and Algorithm
Soft Skills: Adaptability, Problem-Solving, Analytical Thinking, Team Leadership,

Languages

- Hindi(Native)   • English(Fluent)   • Japanese(Basic)

Certificates

• Foundation Of Digital Marketing and E-Commerce, **Coursera**	Nov- Dec 2023
• E-Supply Chain Management, **NPTEL**	Mar- May 2024
• DevOps and Agile Methodologies, **IBM**	Mar- May 2025
• Blockchain Technology, **IBM**	Mar- May 2025