

ISHIKA GOYAL

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Aspiring Data Analyst | SQL • Python • Excel • Power BI

EDUCATION

Vellore Institute of Technology University, Bhopal <i>B.Tech, Department of Computer Science and Engineering</i>	<i>September 2022 - Ongoing</i> <i>CGPA : 9.07</i>
Birla Balika Vidyapeeth, Pilani <i>Class XII Central Board of Secondary Education (CBSE)</i>	<i>April 2020 - March 2021</i> <i>Percentage: 93.8%</i>
Birla Balika Vidyapeeth, Pilani <i>Class X Central Board of Secondary Education (CBSE)</i>	<i>April 2018 - March 2019</i> <i>Percentage: 95.8%</i>

TECHNICAL SKILLS

Data Analytics: SQL (MySQL), Excel (Pivot Tables, VLOOKUP), Python (Pandas, NumPy), Power BI / Tableau, Data Cleaning, EDA
Applied AI: LLM APIs, Prompt Design, NLP Basics, TF-IDF, Cosine Similarity
Programming: Python, Java, JavaScript
Databases: Relational Databases, Data Modeling

PROJECTS

SkillSync AI-Smart Resume Analyser

- Performed **data preprocessing, feature extraction, and text normalization** on resume and job description datasets using NLP techniques.
- Designed a **quantitative similarity scoring system** (TF-IDF + cosine similarity) to evaluate candidate–job fit and identify skill gaps.
- Applied **LLM APIs** to generate context-aware insights and recommendations, focusing on **business usability and interpretability**.
- Delivered **data-driven insights** through structured outputs and visual summaries to support decision-making.

WELTH- AI-Powered Finance Platform

- Built data-ready backend workflows to **ingest, structure, and analyze financial datasets** using Prisma and PostgreSQL.
- Designed dashboards and analytics views to **identify trends and patterns** in user and financial data.
- Collaborated across frontend and backend to ensure **data consistency, validation, and analytics-friendly schemas**.
- Enabled future **predictive analytics and AI insights** through scalable data modeling.

PrepWise- AI Voice Agent Interview Platform

- Processed and stored structured interview data (transcripts, scores, feedback) to enable **qualitative and quantitative analysis**.
- Designed dashboards to analyze **performance trends, strengths, and improvement areas** across users.
- Integrated LLM-based evaluation pipelines to generate **interpretable feedback aligned with business use cases**.

ACHIEVEMENTS

- Won first prize out of 25 teams in business pitch** held in college
- Co-Lead in content team** in freelancing club
- Participated in HackOn with Amazon Season5
- Secured **ELITE+SILVER** certificate in NPTEL (Privacy and Security in Online Social Media)

CERTIFICATIONS

- Power BI workshop
- MATLAB Certification
- AWS Solutions Architect
- Salesforce Developer