

ISHIKA GOYAL

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

EDUCATION

Vellore Institute of Technology University, Bhopal

B.Tech, Department of Computer Science and Engineering

Birla Balika Vidyapeeth,Pilani

Class XII Central Board of Secondary Education (CBSE)

Birla Balika Vidyapeeth,Pilani

Class X Central Board of Secondary Education (CBSE)

September 2022 - Ongoing

CGPA : 9.07

April 2020 - March 2021

Percentage: 93.8%

April 2018 - March 2019

Percentage: 95.8%

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**