ISHIKA GOYAL

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EDUCATION

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

TECHNICAL SKILLS

Development: MERN Stack(Mongo DB, Express.js, React, Node), Firebase, Tailwind
Data Analysis & Tools: MySQL, Excel, Power BI/Tableau , Numpy, Pandas
Programming Languages: Java, Python, HTML, CSS, JavaScript

PROJECTS

Retail Sales Analysis & Performance Optimization (Excel, SQL, Python, and Power BI)

- Analyzed 50,000+ rows of transactional data using **Python (Pandas)** and **SQL**, uncovering key trends in product performance, customer behavior, and regional sales
- Designed and deployed an **interactive Power BI dashboard** with dynamic filters for region, category, and time period, improving executive decision-making efficiency by **30%**
- Identified low-performing SKUs and regional demand gaps, leading to recommendations that could increase revenue by **15%** through targeted promotions and product bundling
- Automated monthly sales reporting using Excel and Power BI, reducing manual reporting time by **40%**

WELTH- AI-Powered Finance Platform

- Built an AI-powered financial analytics platform using **Next.js, React, Tailwind CSS, Prisma, and Supabase**.
- Customized and extended both front-end components and back-end logic to ensure seamless data flow and responsive UI performance.
- Integrated authentication, data models, hooks, and UI components to deliver a smooth, end-to-end user experience.
- Bootstrapped the project structure and environment using modern stacks—ready for future features like AI dashboards, real-time updates, or predictive insights.

PrepWise- AI Voice Agent Interview Platform

- Crafted an AI-powered mock interview platform using **Next.js**, **Tailwind CSS**, and **shadcn/ui**, delivering real-time voice-led interview practice via impressive UX.
- Integrated **Vapi AI voice agents** and **Google Gemini** to conduct live interview simulations and generate AI-guided feedback.
- Set up user authentication and data persistence using **Firebase (Auth + Firestore)**, enabling secure user sessions and storing interview transcripts.
- Built a dynamic dashboard to view past interviews, view feedback scores, strengths, and areas for improvement—making practice feel personalized.
- Typed everything with **TypeScript**, validated input structures with **Zod**, and maintained clean architecture through modular components, constants, and type definitions.

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

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