

ISHIKA GOYAL

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EDUCATION

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| Vellore Institute of Technology University, Bhopal <i>B.Tech, Department of Computer Science and Engineering</i> | <i>September 2022 - Ongoing</i> <i>CGPA : 9.09</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

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

SkillSync AI- Smart Resume Analyser

- Built an **end-to-end AI application** using **NLP and Machine Learning** to analyze resumes against job descriptions and evaluate job fit.
- Implemented **skill extraction** and **skill gap analysis** across **20+ skills**, along with **semantic similarity scoring** using **TF-IDF and cosine similarity**.
- Integrated a **Large Language Model (LLM)** via API with **prompt engineering** to generate **context-aware resume improvement feedback** and visual insights.

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**