

ISHIKA GOYAL

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EDUCATION

Vellore Institute of Technology University, Bhopal	<i>B.Tech, Department of Computer Science and Engineering</i>	<i>September 2022 - Ongoing</i>
Birla Balika Vidyaapeeth,Pilani	<i>Class XII Central Board of Secondary Education (CBSE)</i>	<i>CGPA : 9.09</i>
Birla Balika Vidyaapeeth,Pilani	<i>Class X Central Board of Secondary Education (CBSE)</i>	<i>April 2020 - March 2021</i>
		<i>Percentage: 93.8%</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**