

TANISHA GOEL

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SUMMARY

A highly motivated undergraduate with a passion for technology and a strong academic record. I specialize in leveraging technical skills to build creative, innovative solutions that directly enhance user experience and accessibility (e.g., through my work in AI/TTS development). I am a quick learner of new languages and frameworks and thrive in collaborative team environments. Eager to apply my strong problem-solving abilities to impactful, real-world projects..

PROJECTS

Python Projects

1. PhoneBook Application

A command-line based Python application that allows users to store, search, update, and delete contact information.

Implements CRUD operations with data persistence using file handling.
Demonstrates clean modular design and user-friendly interface.

2. Tani's Cafe Management System

A text-based cafe order management system developed in Python.
Manages menu display, order placement, and bill generation.
Focused on logic building, conditionals, and real-world simulations.

Frontend Projects

1. Solar System Visualizer

An interactive space-themed web project built using HTML, three.js and JavaScript.
Showcases planetary animation, hover effects, and responsive layout.
Demonstrates DOM manipulation and creative visual design.

2. AppDost Frontend :UI Reimagination

A pixel-perfect frontend website Built with React and Tailwind CSS
Applied subtle hover effects (scale, shadow) on key elements (stats, buttons) to improve user engagement.

AI MINI Projects

1. Simple AI Agent (IBM):

Rule-based chatbot in Python handling inputs and simulating basic conversations.

2. Career Counseling Agent:

Built using LangGraph + Gemini API in Colab. Offers tailored guidance with AI-driven prompts.

3. MoodMate AI Bot:

Mental wellness check-in bot built on Colab. Tracks mood and provides support using AI feedback loops.

4. IBM Multilingual-Translator-and-Text-to-Speech-Application:

Engineered a Multilingual Translator with integrated Text-to-Speech (TTS) functionality to address global language barriers and enhance application accessibility.

EDUCATION

Bachelor of Technology in Information Technology

Guru Tegh Bahadur Institute of Technology,

6th Semester GPA: 9.615
Overall GPA: 8.63

Senior Secondary (Class 12th) – 2022

RAJKIYA PRATIBHA VIKAS VIDYALAYA
Stream: PCM + CS (Python)
Percentage: 85%

Secondary (Class 10th) – 2020

SARVODAYA KANYA VIDYALAYA
Percentage: 87.8%

Leadership & Activities

1. Content Lead, E-Cell GTBIT –
Managed content for events, social media, and campaigns.

2. Design Member, GFS Society –
Created digital posters and event creatives using Canva

Certificate

IBMSkills Build

Agentic AI: From Learner to Builder –
Become an AI Agent Architect.

SKILLS

Languages

Tools/Frameworks

HTML,CSS/TailwindCss, JAVASCRIPT ,C, C++, PYTHON,JAVA, React.js,Node.js,Data Science,Dataiku VS Code, Canva, Figma, UI/UX Design, Google Colab, GitHub, MYSQL ,MongoDB

Experience

Data Science Intern
| Sabudh Foundation
July 15, 2024 –
December 16, 2024