AAYUSH KARNWAL

CONTACT

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📍 Faridabad, Haryana

🌐 Portfolio ↗

🌐 LinkedIn ↗

🌐 Github ↗

EDUCATION

2023-2026
JB KNOWLEDGE PARK
- BCA

2022-2023
HBSC
- class 12th

2020-2021
CBSC
- class 10th

SKILLS

- *Programming Langs:* Python, C, C++
- *Web Dev:* Flask, HTML, CSS
- *Frameworks & Libraries:* Numpy, Pandas, OS, Tkinter, threading
- *Databases:* SQL
- *Tools & Platforms:* GitHub, Heroku, openai
- *Soft Skills:* Communication, Teamwork, Problem-Solving

LANGUAGES

- English
- Hindi

PROFILE

Innovative final-year BCA student with hands-on experience in Python, Flask, SQL, and automation tools. Designed and deployed AI-driven projects, including chatbots, weather applications, and an intelligent voice assistant with real-world functionalities. Recognized for adaptability, quick learning, creative problem-solving, and delivering impactful, practical solutions.

PROJECTS

Shinko (voice assistant)

- Created a voice assistant with wake-word detection ("Shinko") and interactive GUI chat window.
- Performs system operations (open/close apps, searching quries, playing video on YouTube, shutdown, restart and more) and also maintains chat history.
- *Technology used:* Python, Tkinter, Speech Recognition, Flask, SQL, Gemini Api
- *Github repo :* github.com/ayush-py-0103/Shinko-voice-assistent-.git ↗

AI Chatbot / Live weather webapp

- Developed a responsive web application combining an AI-powered chatbot with real-time weather updates. The chatbot supports memory of past conversations and voice-based interaction, while the weather module provides live data for any location.
- Deployed on Heroku with a user-friendly interface, continuous chat history tracking, and integrated API-based data fetching.
- *Technology used :* Flask, SQL, HTML, CSS, JavaScript, Gemini API, Weather API, ElevenLabs
- *Github repo :* github.com/ayush-py-0103/webapp-chatbot-weather-.git ↗
- *Live :* ayush-projects-6dae068d00cd.herokuapp.com ↗

Portfolio website

- Designed and deployed a personal portfolio website with smooth animations, interactive project showcases, and responsive UI for a professional online presence.
- *Github repo:* github.com/ayush-py-0103/portfolio.git ↗
- *Live :* ayush-py-0103.github.io/portfolio ↗

Truth or Dare

- Designed a fun desktop game that show random images on clicking the button. Images containing unique tasks/questions and some images containing "you can skip".
- Implemented with Tkinter GUI to make it interactive and user-friendly.
- *Technologies used :* Tkinter, random module, lists
- *Github repo:* github.com/ayush-py-0103/Truth-or-Dare-Game.git ↗