AAYUSH KARNWAL

CONTACT

📞 9821187645

✉ karnwal8077@gmail.com

📍 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 Render 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 :_** https://shinko.onrender.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 ↗

EXPERIENCE

- 1 month internship in Oxygen 2 Innovation as a AI drone programmer.
  Work — Programmed AI enabled drones for Indian defense using python for person detection.
  Date : 11/11/2025 - 11/12/2025