HARSH SHARMA

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🪪 PROFILE

Enthusiastic and highly motivated BCA undergraduate with a solid foundation in Python development and web development. Passionate about building real-world projects, continuously learning new technologies, and solving problems with clean, efficient code. Proven ability to adapt quickly, collaborate in team environments, and deliver impactful solutions in academic and hackathon settings.

🧠 SKILLS

Programming Language — Python │ **Web Development** — HTML, CSS, JavaScript │ **Utilities** — Vs Code, Git, Github, Cmd

📂 PROJECTS

Weather Dashboard,
Technology Used: HTML, CSS and JavaScript

1. Designed and developed a dynamic Weather Dashboard that displays real-time weather data and multi-day forecasts by integrating various Weather APIs. 2. Emphasized responsive design to ensure a seamless user experience across all devices. 3. The project won first place in a hackathon competition for its technical innovation, effective API integration, and outstanding UI/UX design..

Gun Snake Water Game
Python (import random, reversed dictionary techniques)

• Developed a command-line Gun Snake Water game using Python, leveraging the random module for opponent move generation and implementing game logic with reversed dictionaries for efficient outcome mapping. • Focused on clean code structure and optimized decisionmaking processes for real-time gameplay interaction.

Project: Alexa – Python-based Virtual Assistant

- Designed and implemented a **voice-enabled virtual assistant** in Python to automate daily tasks and improve user productivity.
- Integrated **speech recognition, text-to-speech, and API-driven services** (News, Wikipedia, Web Search) for real-time information retrieval.
- Applied **modular programming and OOP concepts** to build a scalable, maintainable system with robust error handling.
- Enhanced user experience by enabling **custom commands and natural voice interaction**.

🎓 EDUCATION

IIMT College of Management, BCA (Bachelor Of Computer Application)   2023 – 2026
Greater Noida, India
Relevant Coursework: Web Development, Data Structures, and Algorithms in Python
And here's a slightly enhanced version if you want to make it more impressive:

- Web Development – HTML, CSS, JavaScript, Responsive Design
- Data Structures & Algorithms in Python – Lists, Stacks, Queues, Trees, Sorting & Searching Algorithms.
- Applied Python-based DSA to enhance logical thinking and client-side interactivity.
- Developed mini-projects to practice real-world frontend concepts and user-centric design.

INTERESTS

Activities & Achievements — Participated in multiple Hackathons and Coding Competitions, showcasing problem-solving, teamwork, and technical skills under time constraints • Actively involved in extracurricular activities to maintain a well-rounded personality and soft skills • Sports Enthusiast – Regularly plays Badminton and Cricket, demonstrating teamwork, discipline, and competitive spirit