

# HARSH SHARMA

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## PROFILE

Enthusiastic and highly motivated BCA undergraduate with a solid foundation in web development and python 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..

### **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: Frontend Web Development, Data Structures, and Algorithms in Python A.**

- Frontend Web Developer with hands-on experience in HTML, CSS, and JavaScript, currently learning modern frontend frameworks (React).
- Data Structures & Algorithms in Python – Lists, Stacks, Queues, Trees, Sorting & Searching Algorithms.
- Applied Python-based DSA to enhance logical thinking and client-side interactivity.

## **Certifications & Achievements**

Achievements:

**Won 2nd Prize in a Hackathon**, demonstrating strong problem-solving, teamwork, and practical development skills.

- Participated in multiple hackathons and coding competitions.
- Served as a **event volunteer**, helping organize and support hackathon competitions.

Interests: Badminton and Cricket

- Cinematic photography & videography