Sahil Ahmad

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About Me

Passionate undergraduate Python & C++ Developer with expertise in web technologies, scripting, and automation. Driven to learn continuously and explore advanced libraries to tackle complex challenges.

Education

Integral University   **July 2022 – June 2025**
Bachelor of Computer Applications   *Lucknow, India*
- CGPA: 9.60/10.00

Central Board of Secondary Education (CBSE)   **2021**
Intermediate   *India*
- Subjects: Physics, Chemistry & Mathematics
- GPA: 8.94/10.00

Central Board of Secondary Education (CBSE)   **2019**
High School   *India*
- GPA: 8.52/10.00

Technical Skills

Languages:	Python, C, C++, Java, SQL, HTML5, CSS, JavaScript, Bash Scripting
Developer Tools:	Git, GitHub, Vim, Linux
Libraries/Frameworks:	Flutter, PyAutoGUI, PyperClip

Projects

Jarvis: AI Assistant | ⌘   **Python, SpeechRecognition, Generative AI**
- Developed an AI assistant capable of voice recognition and natural language processing using Python's SpeechRecognition and Gemini's API
- Implemented voice-activated commands to open web browsers (Google, LinkedIn, GitHub), fetch weather, and retrieve Wikipedia summaries
- Integrated real-time weather fetching and Wikipedia search functionalities
- Configured and utilized Generative AI for generating interactive responses to user queries

AI ChatBot | ⌘   **Python, Gemini 1.5 Flash, pyautogui, pyperclip**
- Developed an automated chatbot capable of generating responses based on chat history in real-time using Python.
- Integrated Google's Generative AI for generating context-aware responses to messages.
- Utilized pyautogui for automated GUI interactions, including text selection, copying, pasting, and sending replies.
- Implemented logic to identify and respond only to incoming messages, enhancing chat interaction efficiency.

To-Do App | ⌘   **HTML, CSS, JavaScript**
- Developed a web-based task management application with CRUD operations
- Implemented user-friendly features such as task categorization and status tracking using local storage
- Designed using HTML for structure, CSS for styling, and JavaScript for dynamic functionality

Achievements

- Won HackHarmony 2.0 Hackathon organized by HECA IU, April 1, 2024

- Second Position, Hackathon Organized by CODE CLUB and Departmental Placement Committee - CSE, September 29, 2023