Sahil Ahmad

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About Me

Passionate Computer Applications student with expertise in Python, web technologies, scripting, automation, data analytics, and visualization. Committed to continuous learning and exploring AI and advanced libraries to solve complex problems.

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