

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

Attendance Notifier | 🤖

Python, Selenium, GitHub Actions, SMTP

- Engineered a fully automated attendance tracking system leveraging **Selenium WebDriver** for secure, programmatic login and data extraction from the student portal.
- Implemented scheduled **GitHub Actions workflows** for autonomous daily operations, ensuring consistent email notifications without manual intervention.
- Utilized **SMTP integration** to dynamically format and deliver attendance reports via email, optimizing academic tracking efficiency.
- Enhanced system robustness with exception handling and alert mechanisms, elevating automation reliability.

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.

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

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