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Udaipur

ADITYA

BHATNAGAR

AI DEVELOPER

EDUCATION

BACHELORS IN TECHNOLOGY  
ARTIFICIAL INTELLIGENCE

B.K. Birla Institute of Engineering and  
Technology, Pilani

2020-2024

12th Standard

St. Paul's Sr. Sec. School, Udaipur

2018-2020

SKILLS

Programming Languages :-  
C++ C Python

Development Languages :-  
HTML CSS

Algorithms :-  
NLP ML

Database Management Languages :-  
SQL

Graphics :-  
Adobe Photoshop Image Editing  
Photography

CERTIFICATES

IBM's Python for Data Science, AI and  
Development  
(12/2023-01/2024)

IBM'S ARTIFICIAL INTELLIGENCE  
(06/2023 - 07/2023)

C++ PROGRAMMING  
(01/2022 - 02/2022)

CYBER SECURITY WORKSHOP  
(11/2021 - 12/2021)

LANGUAGES

English

Hindi(Native)

PROFILE

As a passionate student in the field of Artificial Intelligence, I am deeply excited about the endless possibilities that arise from combining my skills in **Python, Artificial Intelligence, Natural Language Processing, and Machine Learning**. The dynamic nature of these domains fuels my curiosity, and I am consistently eager to explore new challenges and emerging technologies. My three-year journey with **C and C++ programming** has not only equipped me with a solid foundation but has also instilled in me a resilience to tackle complex problems.

PROJECTS

Personal

ENIGMA

NLP based AI assistant.

**Project Overview** Undertaking an ambitious **Natural Language Processing (NLP)** project inspired by Iron Man's Jarvis. The goal is to create sophisticated software capable of understanding direct vocal commands and executing them seamlessly.

**Tool Stack** Utilizing **Python** as the primary language for its versatility and extensive support in the AI community. Leveraging key libraries such as **pyttsx3** for advanced text-to-speech functionality, **numpy** for efficient numerical operations, and **pandas** for robust data manipulation. Incorporating **Microsoft SAPI** to enhance the project's speech recognition capabilities, ensuring a more interactive and user-friendly experience.

**Technological Proficiency** Showcasing adept use of cutting-edge technologies, with a focus on Python proficiency. This project not only highlights the utilization of essential libraries but also reflects an understanding of the intricate interplay between different technologies to achieve a seamless integration.

EMPLOYEE DATABASE MANAGEMENT SYSTEM

**Project Overview** Initiating the development of sophisticated data management software tailored for efficient handling of office-related information for all employees.

**Tool Stack** Deployment of a **C++ compiler** for efficient code translation and execution. Integration of crucial libraries, such as **iostream** for streamlined input/output operations, **conio** for console interactions, **string** for text data manipulation, and **math** for mathematical computations. Implementation of robust **file handling** mechanisms, with a particular focus on **Excel files**, to ensure structured and organized data storage.

**Technological Proficiency** Implementing advanced file-handling techniques to store and retrieve data effectively. The deliberate choice of Excel files enhances data organization and facilitates systematic management. Implementing advanced file-handling techniques to store and retrieve data effectively. The deliberate choice of Excel files enhances data organization and facilitates systematic management.