AMIT KUMAR SAHU

As a skilled and experienced professional, I have a diverse range of expertise in various areas of technology, management, and problem-solving. With strong proficiency in Python, computer networking, Windows, Linux, social media advertising, and web pentesting, I have consistently delivered quality results in my previous roles. In addition to my technical skills, I possess excellent problem solving abilities and thrive in challenging and complex environments. My experience in people management has also enabled me to effectively lead and motivate teams, fostering a positive work culture and driving productivity. Overall, I bring a valuable blend of technical expertise, critical thinking, and leadership skills that enable me to make a meaningful contribution to any organization.

CONTACT

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SKILL

- Python
- Django,SQLite
- Numpy, pandas
- Gradio,OpenAI,tkinter
- Windows, Linux
- Google analytics level 1-5
- Computer networking
- Amazon cloud services
- Problem solving
- OOPs(Object-oriented programming

INTREST

- Photography
- Basketball
- Swimming
- traveling

LANGUAGE

- English
- Hindi

EDUCATION

DAV HUDCO
2015-2016 higher secondary school

SRI SAI POLYTECHNIC
2017-2020 Diploma in mechanical engineering

EXPERIENCE

AUGTECH NEXTWEALTH 2020-2023
Process Data-Executive

- As a Data Annotation Executive in my previous role, I was responsible for meticulously annotating and labeling large datasets to facilitate machine learning and AI applications. I played a crucial role in enhancing the accuracy and effectiveness of data-driven models by ensuring the quality and relevance of annotated data.

Responsibilities:
- Annotating and labeling large datasets according to specific guidelines and requirements.
- Reviewing and validating annotations to maintain high-quality standards.
- Adhering to project timelines and delivering annotated data within the given timeframes.

'FREELANCING
- Computer networking
- Social media advertising
- Web pentesting

CERTIFICATION
- Cisco Certified Network Associate Industrial (CCNA I)
- Certified Ethical Hacker (C|EH)
- Google analytics Level 1-5
- Introduction to IoT - By cisco
- Introduction to Cybersecurity -by cisco

Projects

- ● Double Dice GUI Rolling,🎲

  - Project Description: Created an engaging Python application, Double Dice GUI Rolling, using Tkinter, delivering an interactive dice rolling experience. Developed a visually appealing graphical user interface (GUI) with an intuitive design, enabling users to roll two dice with a single click. Incorporated randomization to provide realistic and unpredictable dice values for each roll. Overcame challenges in GUI design and user interaction, showcasing strong problem-solving skills. Collaborated closely with a mentor, receiving guidance and feedback throughout the project. Successfully completed the project, demonstrating proficiency in Python programming and Tkinter for GUI development. Received positive feedback for the application's aesthetics and functionality. This project showcases my passion for programming, attention to detail, and ability to create enjoyable user experiences.

- ● ChatbotX: powered by chat gpt 🤖

  - ChatBotX is a Python-based chatbot project powered by OpenAI's GPT-3.5-turbo model. It enables users to ask questions and receive AI-generated responses. By installing the required OpenAI and Gradio libraries, users can easily interact with the chatbot. The advanced capabilities of the GPT-3.5-turbo model ensure accurate and contextually relevant responses. ChatBotX finds applications in customer support, information retrieval, and educational platforms. It showcases the potential of AI-powered chatbots to enhance user experiences through natural language understanding. The project combines the power of OpenAI's model with the simplicity and flexibility of Python, offering a glimpse into the future of intelligent conversational agents. ChatBotX is a valuable tool for businesses and individuals seeking efficient and engaging communication with AI.

● Weather Forecast Script

- The Weather Forecast Script is a Python project that utilizes the Weatherbit API to fetch the weather forecast for the next 7 days based on user input. This script offers two functionalities: displaying the forecast in a tabular format or saving it to a file.
- To utilize the Weather Forecast Script, ensure that Python 3.x is installed, along with the Requests library (installable via "pip install requests"). Users need to acquire an API key from Weatherbit by signing up for a free account and inserting it into the designated variable within the script.
- Executing the script using "python weather_forecast.py" prompts users to enter the desired location. The script then retrieves the forecast from the Weatherbit API, presenting it on the console and saving it to a file named "forecast_location.txt".
- It's important to note that the script assumes a successful API response with a status code of 200 and may not handle all error scenarios. Therefore, it is advisable to use a personal API key for production purposes.
- This Weather Forecast Script showcases my ability to work with APIs, handle data retrieval, and present information in an organized manner.

● PyPassGen

- PyPassGen is a Python project that demonstrates my expertise in creating a random password generator. This script generates strong and secure passwords of a specified length by combining uppercase letters, lowercase letters, digits, and punctuation marks.
- The code snippet showcases the usage of Python's random and string modules to generate random characters and access string constants. The generate_password function takes the desired password length as input and constructs a password by randomly selecting characters from the available character sets.
- To use PyPassGen, ensure Python is installed, download the password_generator.py script, and run it using the command "pass_gen.py". The script prompts for the desired password length and generates a strong password displayed on the console.
- While PyPassGen provides a basic password generation solution, it's essential to implement advanced techniques for highly sensitive applications. This project reflects my skills in Python programming and demonstrates my ability to create secure passwords using randomization techniques.

Linked in profile URL

https://www.linkedin.com/in/amit-kumar-sahu-01182a140/

Github profile link

https://github.com/GABBAR-AMIT