KRISHIKA GAUTAM

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SUMMARY

Enthusiastic and adaptable tech learner with hands-on experience in Python, Data Science, Machine Learning, and Artificial Intelligence, combined with a strong foundation in front-end web development. Passionate about solving real-world problems through data-driven solutions and creating user-friendly web interfaces. Eager to contribute to innovative projects at the intersection of AI and web technology.

EDUCATION

Bachelor of Technology in Biotechnology   Aug 2021 - Jul 2025
HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY
AKTU, CGPA upto 7th SEM: 7.4

Intermediate Education

BOSTON PUBLIC SCHOOL, AGRA   Apr 2019 - Apr 2020
CBSE, Aggregate: 62%

SKILLS

Programming Languages: Python (Data Science, Machine Learning, Artificial
Intelligence), R-Basic
Web Development: Front-End Development (HTML, CSS, JavaScript) and Back-End
Development (Python with Django Framework)
Databases: SQL, MySQL, MongoDB
Data Tools & Visualization: Microsoft Excel, Power BI, GUI Design, VS Code, Tableau
Competencies: Analytical and Problems Solving skills, Communication and documentation skills, Organizational skills.

INTERNSHIP

Government Institute of Medical Science   Jul 24 - Aug 24

Clinical Research Associate: Actively participated in clinical research across microbiology, pathology, and biochemistry departments, focusing on sample collection, testing, and analysis.

PROJECT

1. Employee Salary Management   Apr 25 – Apr 25

To develop a robust Employee Salary Management System using Python programming language, GUI with Tkinter, data visualization for clear interpretation of salary data, and MySQL for managing organized employee records. This system aims at streamlining payroll processes, ensuring accurate salary computation, deducting holidays, and calculating GST tax and net pay for enhanced HR efficiency and data management.

2. . Voice Recognition Emailing System for the Blind People   May 25 – May 25

Developed an innovative emailing system using Python programming language and AI-based Natural Language Processing (NLP) techniques, integrated with a Tkinter GUI, to assist blind users. This system utilizes audio input and a voice recognition library to enable users to compose, send, and manage emails through voice commands. It enhances accessibility by converting voice to text and text to speech, offering a user-friendly interface and improved independence in digital communication.

CERTIFICATES

1. Certificate of publication of paper entitled REVOLUTIONIZING SKIN-HEALTH CARE: THE EXPLORE OF VEGAN BASED PRODUCTS in IJCRT (International Journal of Creative Research Thoughts).
2. Certificate of paper selection in a National Level Research Paper Writing Competition.
3. Certificate of 5th IEEE International conference on Advance in computing, Communication control and Networking from Galgotias Educational Institutions.