Ankit Verma

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@Ankitn112   /Mr Ankit

SKILLS

❖ **Backend Programming languages**
  Proficient in Python,Java, and Javascript for developing scalable and effcient backend systems.

❖ **Cybersecurity and Ethical Hacking**
  Understanding of cybersecurity principles and practices,including ethical hacking techniques

❖ **Web Development**
  Experience in building web application with a focus on server-side development.

❖ **Problem-Solving**
  Strong analytical and problem-solving skilles honed through programming and cybersecurity challenges.

❖ **Version control**
  Proficient in git for version control and collaborative development.

❖ **Database Management**
  Familiarity with relational database systems like MySQL,PostgreSQL.

❖ **Software Development Lifecycle**
  Knowledge of software development methodologies and best practices.

❖ **Networking Fundamentals**
  Understanding of networking concepts relevant to cybersecurity and backend development

❖ **Real Life Project Development**
  Created a Python-based voice assistant project,leveraging speech recognition and natural language processing to execute commands and retrieve information.

❖ ***IIoT (Industrial Internet of Things):***
  Familiar with IIoT concepts and technologies, including sensor integration, data analytics, and edge computing for industrial applications.

❖ ***Hardware Knowledge***
  - Experience with laptop and PC motherboard components, including hardware assembly, troubleshooting, and maintenance.

EDUCATION

❖ **BCA | INVERTIS UNIVERSITY BAREILLY**   *(2022-2025)*
  (1st Year 75.28%)
  (3rd Sem 75%)

❖ **XII (UP BOARD) | JS INTER COLLEGE SAHUAH(BLY)**   *(2020-2022)*
  (70%)

EXPERIENCE

❖ **Voice Assistant Project**

  Personal Project

  January 2023 - April 2023

  - Designed and implemented a voice assistant using Python (SpeechRecognition, NLTK) for speech recognition and natural language processing

  - Integrated backend services with external APIs (e.g., weather, news) to provide real-time information based on user queries.

ACADEMIC PROJECTS

❖ **Smart Door Lock Systems(IIOT Project)**
  ➢ Developed a Smart Door Lock System using IoT technologies to enhance security and access control. Integrated sensor-based authentication and remote monitoring functionalities for real-time access management.

❖ **.NET Project: CRUD Operations with Database**
  ➢ Developed a .NET application to perform CRUD operations (Create, Read, Update, Delete) on a database for managing records.

❖ **Data Analysis Project**
  ➢ Engaged in a data analysis project focusing on [briefly describe the problem or objective of your analysis]. Utilized data manipulation, statistical analysis, and visualization techniques to derive insights and make informed decisions.

POSITION OF RESPONSIBILITY

Role: Team Leader

Invertis University Bareilly

Led a team of 10 members in organizing group projects, and promote technical skills among the team members.

HOBBIES AND INTERESTS

- **Coding and Programming Projects:** Enjoy developing personal coding projects, experimenting with new technologies, and contributing to open-source communities.

- **Cybersecurity Enthusiast:** Stay updated with cybersecurity trends and enjoy exploring ethical hacking techniques through online courses and practical challenges.

- **Reading Tech Blogs and Articles:** Regularly read tech blogs, articles, and research papers to stay informed about industry developments and emerging technologies.

- **Outdoor Activities:** Engage in outdoor activities such as hiking and cycling to maintain a healthy work-life balance and stay physically active.