Kushagra Chaudhary

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Summary

Motivated and results-driven Cyber Security undergraduate currently in the final year of B.Tech at VIT Bhopal, with a strong academic background and hands-on skills in programming, problem-solving, and cybersecurity. Passionate about IT and emerging technologies, with a keen interest in securing digital systems. Seeking an internship or entry-level opportunity to apply technical knowledge, enhance practical experience, and build a strong foundation for a successful career in the cybersecurity domain.

Education

- Computer Science And Engineering With Specialization in Cyber Security
  - Vellore Institute of Technology, Bhopal
- Higher Secondary
  - Rani LaxmiBai Memorial School, Lucknow

Projects

- **Mental Health Support System :** Developed a web-based Mental Health Support System aimed at identifying users' mental well-being through sentiment analysis and intelligent response mechanisms.The system provides mental health tips, chatbot assistance, and resource recommendations based on user sentiment trends.
- **Key logger Detecting Advanced System :** Engineered an advanced keylogger using Python, incorporating features such as keystroke logging, screenshot capture, audio recording via microphone, and system information retrieval. The project emphasized ethical hacking practices, focusing on exploiting system vulnerabilities to understand potential security threats and enhance defensive strategies.
- **Intrusion prevention system :** Designed and implemented a network-based Intrusion Prevention System to detect and block malicious traffic in real-time. Utilized signature-based and anomaly-based detection techniques to identify threats and enhance network security. Focused on minimizing false positives and improving response accuracy

Skills

Java Programming, C++ Programming, Python Programming, Computer Networking, Database Management Systems, Data Structures and Algorithms, Penetration Testing, Ethical Hacking, Security-Tools Proficiency, Vulnerebility-Assessment, Incident Reponse, Verbal and Social Communication,Problem Solving,Operating System.

Certificates

IBM - DevOps, IBM - Cyber Security Analyst, TATA - Cyber Security Analyst, NPTEL - Foundations of Cyber Physical Systems, Coursera - Penetration tester, Coursera - Bits And Bytes in Computer Networking, IIT Madras - Artificial Intelligence and Machine Learning, Udemy - Python Programming, Udemy - Ethical Hacking

Social Links

LinkedIn