

VEMANA TANUSH KUMAR

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Career Objective

Dedicated and detail-oriented graduate with expertise in Ethical Hacking, Security Operations Center (SOC) operations, and Software Testing methodologies. Seeking an entry-level cybersecurity position to leverage my skills in VAPT, network security, and incident response.

Education

Bachelor of Technology in Cyber Security

Kakinada Institute of Engineering and Technology | 2020–2024 | GPA: 7.2/10

Intermediate

Sri Chaitanya Junior College | 2018–2020 | GPA: 7.9/10

Secondary School Certificate (SSC)

Pragati English Medium School | 2017–2018 | GPA: 8.2/10

Work Experience

Intern, Hacker Book Technologies

May 2024 – October 2024

- Gained hands-on experience in Vulnerability Assessment and Penetration Testing (VAPT) by assessing 10+ computer networks, identifying vulnerabilities that reduced potential security threats.
- Conducted incident response and quality assurance processes, contributing to the timely detection and mitigation of security threats, resulting in 20% faster response times.
- Collaborated with senior security analysts to develop security policies and best practices, improving the overall security framework and ensuring compliance with industry standards like ISO 27001.

Projects

- **Advanced Key Locker Project**

Developed a secure key management system that safeguarded 100+ cryptographic keys within a cybersecurity environment, enhancing data protection. Implemented encryption algorithms and multi-factor authentication, leading to a 40% increase in secure access measures and a significant reduction in unauthorized access incidents.

- **VAPT (DVWA) Project**

Conducted Vulnerability Assessment and Penetration Testing (VAPT) for a web application and API, focusing on secure design and architecture, which led to the identification of 5 critical vulnerabilities. Performed security testing using tools like Burp Suite and SOAP UI, improving the application's overall security posture by 35%

Internships

- **Hacker book Technologies**
Successfully conducted vulnerability assessments and penetration tests on various systems and networks. Proficiently used industry-standard tools like Wireshark, Nmap, Burp Suite, Metasploit, Nessus, OWASP, ZAP, Postman, and SIEM tools to identify and exploit vulnerabilities. Gained practical experience in Linux system administration and security hardening.
- **Cyber Security Internship at IIIT Hyderabad**
Acquired expertise in identifying and mitigating cybersecurity threats, successfully reducing incident response time by 15% during my internship. Implemented strategies to enhance the overall security posture of various digital systems, contributing to a 20% reduction in potential security risks.

Technical skills

- **Technologies:** Web application Security, Vulnerability assessment, Penetration testing, Network security, SIEM, Incident response, IDS monitoring, Manual testing, Quality assurance, functional testing, and Test automation.
- **Operating System:** Windows, Linux
- **Web Technologies:** HTML, CSS
- **Tools:** Kali, Metasploit, Burp suite, Nmap, Nessus, Wireshark, Splunk, Selenium, JIRA

Certifications

- Certified Ethical Hacker (CEH), EC-Council
- Certified SOC Analyst.
- Cyber Security Certification, IBM Skills Build
- Ethical Hacking Essentials (EHE), EC-Council
- Introduction to Cyber Security, Infosys Springboard
- Fundamentals of Information Security, Infosys Springboard

Hobbies & Interests

- Reading Technology Books – Passionate about staying up-to-date with the latest advancements in cybersecurity, software testing, and technological innovations.
- Puzzle Solving – Enjoy working on complex puzzles and logic games, which help sharpen problem-solving skills and analytical thinking.

Languages

- English
- Telugu

Declaration

I hereby declare that the details mentioned above are true to the best of my knowledge.

VEMANA TANUSH KUMAR