SYED NOUMAAN AHMED

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PROFILE

Results-driven Computer Science Engineer with a strong foundation in ethical hacking, networking, and cybersecurity. Seeking a challenging role in the cybersecurity field to leverage my technical skills and passion for securing digital assets. Dedicated to identifying and mitigating security vulnerabilities while staying up-to-date with the latest industry trends. Eager to contribute to a dynamic team and protect organizations from evolving cyber threats.

CAREER HIGHLIGHTS

- Designed and implemented web applications with a focus on security, utilizing best practices in secure coding and encryption protocols to safeguard user data.
- Demonstrated proficiency in ethical hacking and cybersecurity by actively participating in CTF competitions, showcasing an ability to identify and exploit vulnerabilities.
- Attained a Certified Ethical Hacker (CEH) certification, validating expertise in identifying and resolving security vulnerabilities in networks and applications.
- Executed thorough vulnerability assessments and penetration tests, identifying potential weaknesses and providing recommendations for mitigation.
- Maintained a keen awareness of emerging cybersecurity threats and trends through continuous learning, enabling a proactive approach to securing digital assets.
- Worked collaboratively with cross-functional teams to implement security measures, contributing to the development of comprehensive security strategies.
- Applied solid networking knowledge to configure, monitor, and secure network infrastructures, ensuring a robust defense against unauthorized access.

ACADEMIC CREDENTIALS

- 2019-2023
- 2017-2019

Bachelor of Engineering(CSE),Lords Institute of Engg.& Technology   Hyderabad
  - Graduated with first division in Computer Science

Intermediate/Higher Education,MS Junior College   Hyderabad
  - Graduated with honours in Physics,Chemistry & Mathematics

- 2005-2017   Primary & Secondary School,International Indian School Jeddah   Jeddah

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SKILLS

- Information Security
- Network Security
- Threat Detection and Analysis
- Security Tools: Proficiency with security tools such as Wireshark, Nmap, Metasploit, and vulnerability scanners.
- Secure Coding: Knowledge of secure coding practices to prevent common vulnerabilities like SQL injection, XSS, and CSRF.
- Risk Management
- Problem Solving & Analytical Skills
- Teamwork
- Communication Skills
- Time Management

COURSES

- CCNA
- MCSE
- Comptia network+
- Comptia security+
- Comptia cysa+
- SOC Analyst
- Ethical Hacking

PROJECT

- **A WATERMARK FOR DIGITAL IMAGES**

  I developed an application that focuses on the manipulation of digital images by adding and removing watermarks.This application serves as a valuable tool for content creators and businesses to protect their intellectual property and enhance brand recognition.The application allows users to add customized watermarks to their images, ensuring ownership and preventing unauthorized use.The project not only honed my technical skills in image processing but also highlighted the significance of balancing security and convenience in digital asset management.The experience enhanced my problem-solving abilities, teamwork, and project management skills while addressing a real-world challenge in the field of digital content protection.

- **NETWORK SECURITY**

  - Implemented and configured a virtual network to simulate real-world cyber threats.
  - Conducted vulnerability assessments and recommended security measures to mitigate risks.

- **SIMULATING A REAL-WORLD THREAT HUNTING AND INCIDENT RESPONSE**

As part of my coursework in Cybersecurity, I undertook a hands-on project focused on simulating a real-world Threat Hunting and Incident Response scenario. The project aimed to develop practical skills in identifying and responding to security incidents within a controlled environment.

I.Key activities & Achievements

1.Environment Setup
- Established a virtualized network environment to mimic a small-scale organizational network using tools like VirtualBox.
- Configured a variety of servers, workstations, and network devices to simulate a realistic IT infrastructure.

2.Threat Simulation
- Implemented diverse attack scenarios, including malware infections, phishing attempts, and lateral movement within the network.
- Employed Metasploit and other penetration testing tools to simulate common attack vectors.

3.SIEM Utilization
- Integrated Security Information and Event Management (SIEM) tools into the simulated environment for log analysis and correlation.
- Monitored and analyzed security events generated by various network devices, servers, and endpoints.

4.Incident Detection & Analysis
- Developed and executed custom correlation rules in the SIEM to detect potential security incidents.
- Investigated and analyzed suspicious activities, identifying indicators of compromise (IoCs) and documenting findings.

5.Incident Response
- Created and executed incident response plans for various simulated incidents.
- Collaborated with team members to contain and eradicate threats, minimizing potential impact.

6.Documentation & Reporting
- Maintained detailed documentation of the entire simulation, including configurations, attack scenarios, and incident response actions taken.
- Generated a comprehensive report summarizing the simulated incidents, findings, and recommendations for improvement.

II.Skills Developed
- Threat detection and analysis
- Incident response planning and execution
- Use of SIEM tools for log analysis
- Malware analysis and identification of indicators of compromise (IoCs)
- Collaboration and communication within a simulated SOC environment

INTERNSHIP

WEB DEVELOPER IN REJOLT EDTECH
MAY 2022-JUNE 2022

- Created visually appealing and user-friendly websites utilizing HTML, CSS, and JavaScript, ensuring seamless functionality across various devices and screen sizes.
- Worked closely with UI/UX designers, back-end developers, and project managers to implement website features, troubleshoot issues, and meet project milestones.
- Leveraged front-end frameworks to enhance interactivity and user experience, contributing to the dynamic and engaging nature of the web applications.
- Demonstrated proficiency in identifying and resolving bugs and technical issues, optimizing website performance and functionality.
- Incorporated third-party APIs (Application Programming Interfaces) to integrate additional features and services, expanding the capabilities of web applications.
- Engaged in code reviews to ensure adherence to best practices and coding standards, contributing to a collaborative and quality-focused development environment. Additionally, actively participated in continuous integration processes for seamless deployment.

INTERESTS & HOBBIES

- Horse Riding
- History enthusiast
- Sports
- Fitness Enthusiast
- Numismatist

DECLARATION

I hereby declare that the facts mentioned above are true and authentic to the best of my knowledge.

SYED NOUMAAN AHMED