HAMMAZ AHMED

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Education

- Saint Louis University, St. Louis, MO May 2023, Master's in Cyber security. (May 2025).
- Aliah University, Kolkata, India. Bachelors in Mechanical Engineering. (August 2017 – August 2021).

Work Experience

Med Tour Easy, New Delhi, India. Jan 2023 – Feb 2023. Data Analyst Intern.

- Examined Patient Record Data and performed data cleansing using SQL.
- Assisted the team by creating data visualizations using Microsoft and Excel.
- Verified Patient details through phone calls and email.
- Utilized Python for data cleansing and consolidation in a blood transfusion analysis project.

Gao Tek Inc. (Remote). October 2021 – January 2022. Technical Support Intern.

- Delivered technical assistance to both clients and fellow team members.
- Conducted root cause analysis and developed action plans for machinery failures and other technical challenges.
- Generated daily input and output reports.

Labs

Nessus Vulnerability Scan

- Installed and configured Nessus Essentials to perform credentialed vulnerability scans against Sanofi's website.
- Conducted vulnerability assessments and documented them along with mitigation procedures.

Attack using Hping3

- Built a sandbox environment and conducted a Syn Flood attack on my own system using Hping3
- Documented and did a complete analysis of the pcap file using Wireshark.

Password Manager Set-up

- Installed and set up a Password manager to improve online security and facilitate convenient access to online accounts for best Security practices.
- Detailed the step-by-step process on my blog for educational purposes.

Certifications

- ANZ Cybersecurity Management Virtual Experience Program on Forage – Oct 2023: Worked on cybersecurity threats and practiced identifying phishing emails and analyzing packet capture files in a real-world context.
- Google Cybersecurity Certificate Coursera (2023), Microsoft Windows Defender, Google Data Analytics Coursera (2023), IBM Data Analytics (2023), Introduction to Cybersecurity Foundation by INFOSEC (2023), SQL for Data Science by University of California Davis (2022), Advanced Excel by IBM (2022).
- CompTIA Security + (In progress)

Skills

- Languages: Fluent in English and Hindi. Intermediate Urdu. Classroom Study German.
- Software: Nessus, Wireshark, Kali Linux, Advanced Excel, Python, Tableau, SQL.
- Soft Skills: Problem Solving, Critical Thinking, Attention to Details, Communication Skills, Time Management.
- Technical Skills: Information Security, Incident Response, Packet Sniffing, Firewall Configuration, Network Security, Vulnerability Assessment and Scanning.

Current Labs

- Actively learning and deploying pfsense firewalls for proficiency.
- Acquiring skills in network analysis and packet sniffing through self-directed learning with Wireshark, a widely used network protocol analyzer.