Abheek Mondal

Cybersecurity Engineer (SOC) | Risk and Vulnerability Analyst

abheekmondal@gmail.com | github: abheekmondal | linkedin.com/in/abheekmondal | +91 92665 47587

Summary

A Cybersecurity Engineer with a Masters degree seeking a role focused on ethical hacking, risk assessment, and evaluation of the security, infrastructure, and compliance of systems and software. Obtained ISO 27001 ISMS Lead Implementer certifying me with over 7 years of experience in implementing secure systems and managing risk and compliance obligations. I have experience identifying vulnerabilities and exploitable risks in systems to develop customized solutions to mitigate security threats.

Experience

ISO 27001 Lead Implementer, IPMC Ghana – Accra, Ghana   2024 – 2025

- Spearheaded the implementation of ISO 27001 at IPMC Ghana across the main office and its subsidiaries
- Created critical asset registries totaling over **800,000 USD and assigned risks** and contingency plans for severe risk assets
- Authored over 36 detailed ISO compliant policies, including a CSIRP, which **improved IPMC's efficiency by 23%**

Vulnerability and SOC Analyst, IPMC Ghana – Accra, Ghana   2024 – 2025

- Developed detailed vulnerability reports to effectively communicate details to technical and non-technical managers
- Identified more than 40 vulnerabilities, including over 12 critical issues, and contributing to a **25% reduction in overall risk** exposure
- Monitored and analyzed real-time alerts across SIEM platforms detecting and mitigating 1500+ security incidents per month, **reducing mean time to resolution (MTTR) by 35%**
- Improved client infrastructure, resulting in a **15% enhancement in system resilience** against security threats as well as **reduced vulnerability exposure by 30%** by implementing scheduled risk assessments

Data Analyst, RND4IMPACT Inc. – Illinois, USA   2024

- Performed in-depth analysis of system telemetry, identifying 50+ anomalous patterns and potential insider threats, **reducing organizational risk exposure by 20%**
- Applied trend analysis and regression techniques to detect recurring vulnerabilities, enabling proactive mitigation strategies that **improved system resilience by 25%**

Skills

- **SIEM Tools:** DarkTrace, Solar Winds, Splunk, Rapid7, Fortigate
- **Operating Systems:** Windows, Windows Server, Linux Arch, Athena OS, Parrot OS, Kali Linux
- **Test Tools:** OSWAP, Metasploit, BurpSuite, Nikto, Wireshark, Autopsy, Hydra, IDA, Nmap, MSFVenom, Snort
- **Programming Languages:** Java, Python, HTML5, LiveCode, MatLab, Go, Kubernetes, SQL
- **Software:** Git, Eclipse, Atlassian BitBucket, SolidWorks, Xilinx Vivado, Caddence Virtuoso, Cisco Packet Tracer
- **Management/Leadership:** Scrum Master, Kanban, Atlassian, Jira, Azure DevOps, Agile Workflow

Education

Illinois Institute of Technology, BS and MS in Computer Systems and Software, specialized in Cybersecurity   Aug 2019 – Dec 2023

- GPA: 3.65/4.0 **Magna Cum Laude**
- IIT Dean's Honor List for Academic Excellence (2020-2023)
- **Coursework:** Computer Architecture, Wireless Network Protocols, Embedded Systems and Software, Cryptography, Intro to AI, Cloud Computing

Certifications and Memberships

PECB ISO/IEC 27001 Lead Implementer **(2025)**   IEEE - HKN Honor Society
C|EH: Ethical Hacking **(est. 2025)**   Order of Engineering
SQL(Advanced) and Python(Advanced): **Hackerrank Certifications**