Mohd Kashif — SOC Analyst

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Summary

Master's graduate in Cybersecurity with over four years of experience in security operations, specializing in 24/7 incident response, vulnerability assessment and proactive threat detection. Skilled in SIEM, EDR and Microsoft XDR tools with proven ability to triage incidents, collaborate with cross-functional teams, and develop detection rules to further hardening the systems.

Technical Proficiencies

- **Tools**: Crowdstrike, Splunk, TheHive, Palo Alto Cortex XDR, Microsoft Sentinel, Microsoft Defender, Nessus, Python, SPL, Bash, SIGMA, YARA
- **Frameworks**: MITRE ATT&CK, Cyber Kill Chain, ISO 27001
- **Areas of Expertise**: SOC Analysis, Incident Response, Vulnerability Assessment, Threat Intelligence
- **Leadership**: Team Mentorship, Cross-functional Collaboration, Project Planning

Home Lab Setup

Set up a home lab with 4 VMs to simulate attacks on a victim machine using Atomic Red Team and creating detection rules on a logging server using Elastic and Splunk.

Professional Experience

Amadeus Data Processing Gmbh — **Erding, Germany**
Associate Information Security Analyst — *May 2025 - Oct 2025*

- **Cyber Security Incident Response:**
  - Investigating endpoint threats using EDR tools to resolve security incidents.
  - Analyzing phishing attempts using Microsoft Email Security and PhishER tools, leading to improved user awareness and reduced compromise rates.
  - Managing SIEM tool for threat hunting and log correlation.
  - Case handling through TheHive platform, enabling collaborative response and efficient resolution tracking.
- **Splunk Dashboards:**
  - Building and maintaining Splunk dashboards to monitor SLA metrics, driving accountability and performance improvements.

SCHWARZ IT — Neckarsulm, Germany

SOC Analyst (Working Student) — *May 2023 - Dec 2024*

○ **Gap Analysis:**
  - Performed MITRE ATT&CK based gap analysis, and developed 30+ new Splunk detection rules.
  - Led the optimising and fine tuning of 20+ existing Splunk use cases, reducing false positives by 40%.
  - Mapped Cyber Kill Chain and MITRE ATT&CK Framework to categorise use-cases for better identification of attack scenarios

○ **Automation**
  - Leveraged MISP to correlate IoCs, reducing manual analysis time by 25% and enhancing ISMS.
  - Collaborated with cross-functional teams (EDR, Email, AD, IDS/IPS, Firewall, Antivirus) to implement CIM-compliant data models, enhancing log correlation and resolving 60% of log inconsistencies.

○ **Cross-Functional Leadership:**
  - Designed client-facing Splunk dashboards tailored for customer requirements, enhancing real-time visibility into critical security metrics.
  - Mentored 10+ junior analysts and colleagues via developing and maintaining Splunk training modules and runbooks, improving SOC workflow efficiency by 25%.

CISPA Helmholtz Center for Information Security — Saarbrücken, Germany

Research Assistant (Working Student) — *July 2022 - Dec 2022*

○ Collaborated with researchers to develop a performance analysis tool in the research group of Nico Döttling for homomorphic encryption operations, quantifying computational time requirements for various cryptographic functions.

TATA Consultancy Services — New Delhi, India

SOC Analyst — *Nov 2018 - Oct 2020*

○ Supported 24/7 SIEM-based monitoring and incident response achieving a significant uptime in threat detection and log analysis capabilities.
○ Conducted monthly vulnerability assessment to identfy potential vulnerabilities using Nessus scanner.
○ Coordinated weekly customer sync ups to align security strategies with business requirements, ensuring timely project delivery.
○ Improved Threat Detection by utilising Search Processing Language in Splunk to create 15+ new alerts identifying and mitigating previously undetected security risks.
○ Mentored 5+ new team members by providing knowledge transfer sessions and creating IR playbooks, standardizing cybersecurity best practices and reducing resolution time by 20%.

Education

Universität des Saarlandes — Saarbrücken, Germany

Masters (Cybersecurity) — *Oct 2021 - Dec 2024*

○ Grade: 2.1
○ Thesis: A Haskel to Fully Homomorphic Encryption Transpiler with Circuit Parallelisation
(Published in CCS '25: ACM SIGSAC Conference on Computer and Communications Security)

Jamia Hamdard University — New Delhi, India

Bachelors (Electronics & Communication) — *Oct 2014 - Aug 2018*

○ CGPA: 8.76

Certifications

Advent of Cyber 2025 by TryHackMe

Junior Penetration Tester by TryHackMe

SOC Analyst Learning Path by LetsDefend

CompTIA Security+ Certified Security Professional by LinkedIn Learning

Splunk 7.x Fundamentals

13.5 hours live training on "Using Splunk Enterprise Security"

Languages

English: Professional Proficiency

Hindi: Native Proficiency

German: Beginner (In Progress)