

Mahammad Yusuf Shaik

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Professional Summary

Analytical and detail-oriented postgraduate cybersecurity professional currently pursuing an MSc in Cybersecurity and Penetration Testing. Strong foundation in technology risk, governance, compliance, and ethical use of emerging technologies. Experienced in risk analysis, incident response, system administration, and IT governance frameworks through hands-on roles in SOC operations, consulting, and enterprise IT environments. Demonstrates strong research, documentation, and stakeholder communication skills, with a proactive attitude and keen interest in AI ethics, technology policy, and corporate governance.

Education

Middlesex University — MSc Cybersecurity and Penetration Testing

Sep 2024 – Present

Gandhi Institute of Technology and Management (GITAM) — Bachelor of Technology (B.Tech),

Computer Science and Engineering

Jul 2019 – May 2023

Relevant Professional Experience

System Administration | IT Consultant

Aeon Technologies, Dubai

Jun 2024 – Present

- Conducted structured assessments of client IT environments to identify operational, security, and compliance risks.
- Supported governance and risk mitigation initiatives related to cloud platforms (AWS, Azure) and enterprise IT systems.
- Collaborated with cross-functional teams to deliver technology solutions aligned with business objectives, budgets, and timelines.
- Prepared documentation, reports, and recommendations for management decision-making.

SOC Analyst Intern

IT Butler EZ Services LLC, Dubai

Jan 2025 – Mar 2025

- Monitored and analyzed security events using SIEM tools, applying risk-based prioritization and incident triage.
- Investigated security incidents in collaboration with senior analysts, strengthening incident response and escalation workflows.
- Contributed to process improvements for continuous monitoring, risk reduction, and compliance alignment.
- Gained exposure to data protection, log governance, and security policy enforcement.

Program Analyst Trainee Intern

Cognizant Technology Solutions, Bengaluru

Jan 2023 – Aug 2023

- Configured and administered ServiceNow modules including Incident and Change Management, supporting IT governance processes.
- Assisted in maintaining compliance with IT service management policies and internal controls.
- Participated in audits, documentation reviews, and stakeholder meetings to enhance operational transparency and risk management.

Data Analyst Intern

Technologics Global Pvt Ltd, Bengaluru

Sept 2021 - Apr 2022

- Completed a 6-month part-time internship focused on **data analysis and visualization** using **Microsoft Power BI** during undergraduate studies.
- Designed and developed **interactive dashboards and analytical reports**, converting complex datasets into clear, actionable business insights.
- Collaborated with cross-functional stakeholders to gather requirements, analyze data, and translate findings into effective visual narratives.
- Applied **data modeling techniques, DAX formulas, and custom Power BI visuals** to improve data accuracy, performance, and usability.
- Supported data-driven decision-making by presenting insights aligned with business and operational objectives.

Additional Information

- **Driving License:** Valid UAE Driving License (Abu Dhabi)

Key Projects & Research Experience

Network Scanner with Nmap Integration using Python

- Designed and developed a Python-based automated network scanning tool integrating Nmap for host discovery, port scanning, and service detection.
- Implemented structured scan workflows to identify open ports, running services, and potential security risks in controlled environments.
- Generated readable scan reports to support risk assessment, documentation, and decision-making.
- Strengthened understanding of ethical scanning practices, network governance, and responsible use of security tools.

Simulated Full-Cycle Penetration Test & Risk Reporting

- Conducted a controlled penetration test on a lab environment to identify technical and governance gaps.
- Assessed vulnerabilities, assigned CVSS-based risk ratings, and produced executive-ready remediation reports.
- Demonstrated structured analysis, documentation, and ethical security assessment practices.

Skills & Competencies

- **Technology Risk & Governance:** IT risk assessment, control evaluation, compliance support, governance models
 - **AI & Emerging Technology Awareness:** Basics of machine learning, generative AI, LLM concepts, ethical technology use
 - **Analytical & Research Skills:** Risk analysis, documentation, reporting, problem-solving
 - **Data Protection & Ethics:** Awareness of GDPR, data privacy principles, responsible AI concepts
 - **Tools & Platforms:** SIEM tools, ServiceNow, ELK Stack, MS Excel, PowerPoint, Word
 - **Programming & Technical Literacy:** Python fundamentals, scripting awareness
 - **Collaboration & Communication:** Cross-functional teamwork, stakeholder communication, professional documentation
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Certifications

- Certified Ethical Hacker (CEH) — EC-Council (2025)
 - Google Cybersecurity Professional Certificate — Coursera (2025)
 - Certified System Administrator — ServiceNow (2022)
 - Certified Implementation Specialist – IT Service Management — ServiceNow (2023)
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Volunteer Experience

Junior Security Analyst (Volunteer) — GISEC Global 2025 —EMT Distributions

- Supported cybersecurity awareness initiatives focusing on phishing risks, OWASP Top 10, and ethical technology usage.
 - Engaged with diverse stakeholders, strengthening communication and policy-awareness skills.
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Workshops & Professional Exposure

- **Cybersecurity & Digital Forensics Workshop** — Dubai Police (Conducted via University)
 - **Cybersecurity Awareness & Investigation Workshop** — Ajman Police (Conducted via University)
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Languages

English, Telugu, Hindi, Urdu, Kannada, Malayalam
