Salman Saleem Cybersecurity Analyst | Azure Solutions Architect Expert

Oshawa, ON | 647-616-6328 | salmansaleem9903@gmail.com

www.linkedin.com/in/salmansaleem5123 https://medium.com/@salmansaleem9903

Cybersecurity Analyst and Microsoft Certified Azure Solutions Architect with expertise in network security, penetration testing, risk assessment, and cloud security. Strong background in incident response, security policies, and AI-driven threat intelligence. Experienced in SIEM tools, forensic analysis, and security frameworks (NIST 800, ISO 27001, COBIT 2019). Skilled in Azure cloud security architecture, including identity management, compliance, security monitoring, & designing secure, scalable cloud solutions. Passionate about integrating AI & machine learning for real-time cybersecurity threat detection & automated security solutions.

Technical Skills

- **Security Domains:** Network Security, Risk Management, Incident Response, Secure Communications
- **Tools:** Splunk SIEM, Cisco Packet Tracer, Nmap, Autopsy, Metasploit, Burp Suite, Wireshark
- **Cloud Security:** Azure Privileged Identity Management (PIM), Azure Firewall, Azure DDoS Protection
- **AI/ML Tools for Cybersecurity:** TensorFlow, PyTorch, Microsoft Sentinel, LLM API, IBM Security
- **Programming Languages:** Python, C, Bash Scripting
- **Frameworks & Compliance:** NIST 800, ISO 27001/2 – 2013/2022, COBIT 2019, MITRE ATT&CK, OSINT
- **Operating Systems:** Windows Server 2019/2022 Active Directory AD, Kali Linux, Ubuntu Server

---

Certifications

- **CompTIA Cybersecurity Analyst+** (CySA+) *(CS0-003)*
- Microsoft Certified: **Azure Solutions Architect Expert (AZ-305 + AZ-104)**
- ISC2 Candidate
- IBM Security Certified
- FCA – FortiGate 7.4 Operator
- ISO/IEC 20000 IT Service Management Associate
- ISO/IEC 27001:2022 Information Security Associate
- First Aid CPR Certified

Education

Master of Information Technology Security - Specialization in AI *(Pursuing) (GPA: 4.15/4.3)*

Ontario Tech University, Oshawa, ON | January 2025 – April 2026

- Focus Areas: Advanced Cybersecurity, Cryptography, AI for Cybersecurity, Network Security, Ethical Hacking, Cloud Security
- Research: AI-driven Threat Intelligence & Anomaly Detection for Cybersecurity

Graduate Certificate in Cybersecurity *(GPA: 4.76/5.0)*

Durham College, Oshawa, ON | January 2024 – August 2024

- Coursework: Wireless Network Security, Network Monitoring, Penetration Testing, Computer Forensics, Operating System Security, Risk Management

Bachelor of Engineering in Electronics & Communication

Dayananda Sagar College, Bangalore, India | August 2019 – July 2023

- Relevant Subjects: Cybersecurity, Computer Communication Networks, Python Programming, ARM Architecture, Network Security

Work Experience

Freelance Security Researcher

Durham College, Oshawa, Canada | January 2024 – Present

- Penetration tested 15+ web applications, fixing SQLi, XSS, and authentication flaws.
- Audited AWS/Azure, detecting misconfigurations and strengthening IAM security.
- Reduced cloud misconfigurations by 45%, strengthening IAM policies across AWS/Azure.
- Reverse engineered malware using Ghidra & IDA Pro, extracting C2 servers and encryption keys.

Artificial Intelligence Intern

Pantech Solutions, Bangalore, India | January 2021 – March 2021

- Built an AI-driven sentiment analysis system for cybersecurity threat intelligence.
- Developed an NLP-based chatbot for automated security incident response.

Machine Learning Intern

Prinston Smart Engineers, Bangalore, India | September 2020 – October 2020

- Conducted data analysis for anomaly detection in cybersecurity logs.
- Built interactive security dashboards using AI/ML models.

Project Experience

AI-Powered Cybersecurity Threat Detection *(Research Project)*

Ontario Tech University, Oshawa, ON | January 2025 – Present

- Develop machine learning models to detect cybersecurity threats in real time.
- Implement AI-based anomaly detection for zero-day attack prevention.
- Integrate Python, TensorFlow, and Splunk for security log analysis.

Cloud Security Audit & Compliance

Durham College, Oshawa, ON | September 2024 – Present

- Assess Azure security configurations for compliance with ISO 27001 and NIST 800.
- Implement IAM role-based access control (RBAC) policies to enhance cloud security.
- Conduct security posture analysis using Azure Defender.

Keylogging Attack on Windows 10/11 Bypassing Windows Defender

Durham College, Oshawa, ON | July 2024

- Executed a keylogger attack in a controlled environment, successfully bypassing Windows Defender with Real-time Protection on, uncovering three endpoint security gaps. Integrated Wazuh SIEM to detect malicious activity, process execution anomalies thus enhancing threat visibility and response.

Accomplishments

- Published 3 Research Papers in International Journals.
- Patent Approved for Breast Cancer Cell Detection Technology.
- Guinness World Record Holder for "*Most Users to Take an Online Computer Programming Lesson in 24 Hours*".
- Completed the Dynamic Skills Integrated Program by the Centre for Innovation & Leadership.