



Khurram Shahzad, CISSP

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Professional Summary

Strategic and results-oriented IT and Security professional with 16 Years of experience in directing Information Technology departments. A visionary leader with a robust technical background, adept at aligning IT strategies with organizational goals. Proven success in leading high-performing teams, driving digital transformation, ensuring cybersecurity, and optimizing IT infrastructure. Recognized for fostering a culture of excellence and continuous improvement. Experienced in managing IT budgets, evaluating investments, and ensuring compliance with industry regulations. Adept at identifying and leveraging emerging technologies to enhance efficiency and competitiveness. Seeking the position of IT Director/CISO to bring strategic vision, leadership, and technical expertise to drive innovation and propel the organization toward its business objectives.

Skills

- Strategic IT Planning and Execution
- Team Leadership and Mentoring
- Infrastructure and Operations Management
- Cybersecurity Strategy and Implementation
- Digital Transformation Initiatives
- Budget and Resource Management
- Regulatory Compliance and Governance

Work History

Manager, Cyber Security -Enterprise Risk Services and Technology

Risk Associates PVT Ltd, Karachi, Sindh

- Developed **IT strategy** for an **Islamic bank**, aligning technology initiatives with organizational goals, leading to increased customer satisfaction and enhanced business profitability.
- Executed a comprehensive **Data Classification and Protection** project at **Bank of Khyber**, implemented robust measures to safeguard sensitive information and ensure compliance with State Bank of Pakistan regulations.
- Implemented cutting-edge cybersecurity strategies across diverse sectors, including financial institutions, manufacturing, insurance, and healthcare organizations. These initiatives not only strengthened data protection but also

2021-08 – Current

ensured unwavering compliance with industry standards, fortifying overall security measures.

- Executed a strategic Security Review project focusing on business applications for the **State Bank of Pakistan**, enhancing cybersecurity resilience and ensuring adherence to industry standards.
- Directed a comprehensive Cybersecurity Risk Assessment project at **Meezan Bank**, strategically identifying potential risks and proposing proactive measures to fortify the security landscape, ensuring the protection of critical assets in alignment with industry best practices.
- As a Cybersecurity Advisor, conducted comprehensive gap analyses, risk assessments, and threat modeling. Provided tailored recommendations to clients, aligning their cybersecurity strategy with business objectives and overarching strategies for optimal security posture.
- Strategically planned and spearheaded the implementation of robust technical controls and capabilities, including Next-Generation Firewall, Vulnerability Management, SIEM, WAF, IPS, Endpoint Security, DLP, FIM, Change Detection, SAST, DAST, and more. Effectively orchestrated the deployment of these critical elements to fortify the organization's cybersecurity infrastructure.
- Led a high-performing team, fostering a culture of excellence and continuous improvement.

2020-09 – 2021-07

Cyber Security Consultant

Awan Distribution PVT Ltd, Karachi, Sindh

- Performed risk analyses to identify appropriate security safeguards.
- Recommend improvements in security systems and procedures.
- Conducting technical product training to partners teams and customers.

2017-07 - 2020-08

IT Data Center Analyst

ICI Pakistan Ltd, Karachi, Sindh

- To Ensure that the underlining system, Network and Network Security infrastructure of 2500+ nodes and its associated technology operate efficiently and delivers a secure platform for ICI Pakistan to carry out its Business
- To ensure maintenance and implementation of information systems and procedures including requirements related to BCP and DRP
- Plan Design, and manage the deployments of highly available IT infrastructure and associated ERP, including Networks, Network Security, and System Applications
- Conduct Risk assessment and implement appropriate control to ensure CIA.
- Development of standard operating procedures.
- Ensure adoption of standards, procedures, and guidelines in the Network Security domain.

- Installed and maintain network security infrastructure, including Next-Generation Firewall, IPS.
- Assess threats, risks, and vulnerabilities from emerging security issues.

Projects:

- Successful migration from legacy Firewall and Web Proxy to Next-Generation Firewall.
- Implemented IPsec Site to Site VPN Network between 12 Sites and migrated from MPLS Technology to IPsec VPN. IPsec Project reduced cost and increase efficiency, availability, integrity, and confidentiality.

2014-04 - 2017-06

Senior Network Security Consultant

Softech Microsystems, Karachi, Sindh

- Pre-Sales and Post-Sales responsibilities for Network Security Products.
- Analyze technical needs, requirements, and status of the network's security infrastructure design, integration, and operations.
- Gathering business requirements and objectives, translating them into technical solutions.
- Work with technical management to architect networks security that effectively reflects business needs, service-level and availability requirements, and other technology parameters.
- Perform the selection of network security technologies and products required for respective solutions.
- Communicate the role and value of the network security to the customer organization and present the business case for technology investments.
- Continually update understanding of business and technology status and objectives and respond to strategic design requests as the business evolves.
- Assisting/consulting customers in identifying their underlying business/technical requirements and recommending the solution accordingly.
- Interacting / coordinating with cross-technology peers for integrated IT solutions.
- Performing products and solutions evaluation to maintain & enhance services and support portfolio.
- Developing proposals in response to RFPs and to support BID in the pre-sale lifecycle.

2012-04 - 2014-03

Manager Technical Support

Info Tech Soft Solutions, Karachi, Sindh

- Tracked KPIs and created continuous improvement plans.
- Developed and implemented training initiatives for new hires.

2006-05 - 2012-03

- Oversaw creation and implementation of Customer-Oriented Satisfaction program, which assessed and identified strengths and weaknesses of technical support policies and procedures.
- Tasked with working across a wide range of departments, sales staff, marketing department, and Level I, II, and III technical engineers to ensure customer satisfaction.

Manager IT Infrastructure and Security

Arch Vision Plus, Karachi, Sindh

- Responsible for Managing IT Infrastructure and IT Security, Budgeting, and Service Availability.
- Managing relationships with strategic vendors and service providers.
- Responsible for IT strategy alignment with business goals and objectives.
- Responsible for IT business continuity and disaster recovery planning.
- Managing Teams and their KPI performance.
- Managing IT Infrastructure availability of 99.9%.
- Prepared and maintained regular system assessment and evaluation documents, and architecture remediation controls to neutralize vulnerabilities and increase security posture.
- Continuously monitored corporate networks and systems for threats, including viruses, cyber espionage, and insider threats.
- Reviewed existing controls to identify and eliminate potential security flaws and weaknesses.
- Verified continuous updates of systems and immediately patched vulnerabilities to prevent cyber security threats.
- Applied cyber security best practices to information system standards, directives, and guidance for all personnel, monitoring compliance across the organization.
- Worked closely with management teams to plan, develop, coordinate and execute Cyber Security strategies aligned with organization vision, mission and purpose.
- Created Cyber Security best practices to educate staff against threats and potential vectors of attack.
- Developed and maintained Cyber Security Incident Response Plans to mitigate damages and liability during security breaches.
- Reviewed and assessed architecture design, implementation, testing, and deployment needs to identify project requirements and costs.

2003-09 - 2006-04

Network Administrator

Shakespeare English & Computer World, Karachi, Sindh

- Configured networks for smooth, reliable operation to meet business processes and objectives.
- Performed day-to-day LAN and WAN administration, maintenance and support.

2000-01 - 2003-01

- Planned, implemented and maintained wireless network strategy and operation.
- Developed and refined build process and configurations, and contributed to network automation.
- Provided all required network documentation to inform management.
- Planned, coordinated, and implemented network security measures.



Education

Bachelor of Science: Computer Science

University of Sindh - Karachi, Pakistan



Certifications

CISSP - Certified Information Systems Security Professional

SOPHOS Certified Engineer

Forcepoint Certified DLP Administrator

Rapid7 SIEM InsightIDR

Barracuda Certified Engineer

Barracuda Spam Firewall Certified Product Specialist

Barracuda Certified System Engineer (Load Balancer)

Palo Alto Networks Certified Network Security Engineer

Tenable Certified Engineer – Vulnerability Management

Trend Micro Deep Security

Micro Focus CyberRes-Fortify Certified Engineer for SAST and DAST