

Mohammed Meesam

Information Security Engineer

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Persistent, detail-oriented InfoSec engineer with a strong focus on security engineering, Information security Management & compliance with over 4 years of industry experience. Seeking an opportunity to utilize my skills to help build a stronger security posture and work with like-minded individuals.

WORK EXPERIENCE

Spur Solutions Pvt Ltd, Karachi, Pakistan

July 2023 – Feb 2025

Senior Information Security Specialist

- Led the ISO 27001 and 27701 certifications during external audits.
- Developed and maintained organization-wide information security policies aligning with industry standards (ISO 27001, ISO 27701, PCI-DSS).
- Collaborated on security initiatives, ensuring adherence to enterprise standards and procedures.
- Conducted risk assessments, mitigated operational risks, and contributed to ISO 27001, ISO 27701, PCI-DSS certifications.
- Streamlined change management process, reducing approval time from 2 days to 4 hours, and streamlined onboarding/separation processes.
- Enforced access controls, optimized security processes & led efforts to enhance security posture by conducting annual security reviews and performing gap assessments.
- Conducted vulnerability analysis and penetration tests on web/mobile applications, proactively remediating security weaknesses.
- Collaborated on swift incident response by deploying effective security solutions – Microsoft Defender & Sentinel
- Delivered impactful security awareness training, ensuring compliance with industry regulations.
- Managed cloud security, Azure, and on-premises Active Directory and enforcing policies on company issued devices.
- Engaged with vendors, going through scoping, budgeting, and implementation.

Concave FORT, Karachi, Pakistan

December 2021 – July 2023

Sr. Cyber Security Analyst *(Oct 2022 – Jul 2023)*

Cyber Security Engineer *(Dec 2021 – Oct 2022)*

- Consulted clients on Implementation of ISO 27001 and helped them get certified.
- Performing Vulnerability Assessment & Penetration Testing and generating reports on findings.
- Validation of Security controls on client applications using OWASP ASVS.
- Designing a custom Pen Testing programme to follow during PT in accordance with OWASP
- Liaising with Software developers, QA and management to brief on implementation of security controls for various projects
- Developing and implementing Information Security policies & procedures.
- Deploying Intrusion Detection System (IDS) on server, configuration of ESXI.
- Performing Secure Architecture reviews in accordance with CIS.
- Security monitoring, initial analysis and event escalation (Tier 1)
- Analysis on escalated events and investigation of events to prepare adequate response (Tier 2 SOC)
- OS hardening according to CIS benchmarks.
- Hosting training webinars & workshops to audiences on Cybersecurity & Networking.

- Set up virtual servers and LAMP stacks on Digital Ocean droplets for web server deployment.
- Planned upgrades for Network infrastructure according to requirements.
- Documentation of the network architecture.
- Setup and managed Employee attendance management system.
- Managed the company website, subdomains and admin panel (cPanel).

Software Engineer

- Developed web applications and Data acquisition software for Engineering projects using PHP and MySQL.
- Conducted quality analysis and testing on software developed by peers.
- Project Planning and Requirement Analysis according to SDLC for project approvals from management.
- Met with clients to understand their project requirements, designed wireframes and quoted development costs.

CERTIFICATIONS & COURSES

Certified Ethical Hacker (CEH) EC-Council

Certified in Cybersecurity (ISC)²

Cloud Core IBM

ISO 27001 Lead Implementer PECB

Cybersecurity Essentials Cisco NetAcademy

Python Essentials Cisco NetAcademy

EDUCATION

University of Bedfordshire

February 2020

Bachelor of Science — Computer Science, Major in Networking

SKILLS & OTHER

Compliance: Implementation & documentation of information security policies according to industry standards.

Penetration Testing & Vulnerability Assessments: Performing VAPT using tools like Nessus, Qualys, Burp, John, Wireshark & documenting vulnerabilities.

Networking: Strong knowledge of VLANs, Active Directories, VPNs, ACLs, Configuration and Setup of RPs, Servers, IOT devices.

Project Management: Defining and adhering to scope and constraints and documenting the progress and resources allocated.

Presentation & Client Meetings: Strong presentation skills and capability to communicate ideas effectively.

Tools: Burp, Nessus, Qualys, Wazuh, ElasticSearch, Trend Micro EDR, Microsoft Sentinel, Microsoft Defender, .

PROJECTS

Portfolio Website – mohammedmeesam.com: Designed a portfolio website to showcase my projects and interests using extensive Javascript and AJAX. Currently hosted as a static website on Github Pages.
(JavaScript, HTML, CSS)

Blockchain Based Electronic Voting System: Final Year project using IBM Kubernetes service and IBM blockchain platform to deploy a smart contract to allow distributed, secure and immutable voting and displaying tallied results on a user-friendly website.
(JavaScript, TypeScript, Python, Node.js, HTML, CSS)