

# Aslam Mahimkar

Doha, Qatar | [aslam.mahimkar@gmail.com](mailto:aslam.mahimkar@gmail.com) | <https://aslammahi.github.io> | [Blogs](#) | (+974) 55945675

## Summary

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Experienced Penetration Tester with a focus on identifying vulnerabilities and enhancing security in networks and applications. Strong background in ethical hacking, security assessments, and delivering detailed reports to improve overall system defenses. OSCP certified, with a commitment to continuous learning in cybersecurity.

## Professional Experience

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### Penetration Tester / Read Team Assessment

September 2022–Present

SELF, Doha, Qatar

- Hands-on experience in conducting penetration testing to identify and exploit security weaknesses.
- Hands-on experience with conducting vulnerability scans to detect and address potential threats.
- Proficient in assessing and exploiting vulnerabilities within Active Directory environments, including privilege escalation and lateral movement.
- Experienced in evaluating the security of Wi-Fi networks, identifying weaknesses in encryption, authentication, and network configuration.
- Basic understanding of scripting and coding languages for security-related tasks, enabling automation of repetitive tasks and custom security solutions.
- Familiarity with open-source, custom, or proprietary forensic and malware analysis tools.
- Develops and documents procedures, ensuring thorough checks and adherence to standards.
- Experience with Linux or UNIX-based operating systems, including proficiency with command-line interfaces.

### Senior System Engineer

May 2018–present

TELECOMMUNICATION DEPARTMENT, Doha, Qatar

- Directed high-value projects related to network infrastructure and data management, including the deployment of NOC systems (e.g., NMS, BMC, NetAct) and IT service management (ITSM) tools.
- Assessed and optimized current IT infrastructure and workflows, developing strategic roadmaps for ITSM integration aligned with organizational objectives.
- Engaged with stakeholders across various departments to gather requirements, secure support, and ensure successful ITSM implementation.
- Designed and tailored ITSM processes to meet the organization's specific needs, encompassing incident, change, problem, and service level management.
- Led comprehensive testing of ITSM tools and processes to identify issues and validate effectiveness prior to full-scale deployment.
- Established systems for ongoing monitoring, feedback, and refinement of ITSM processes to adapt to evolving business needs.
- Coordinated with IT teams and other departments to integrate ITSM processes seamlessly into business operations.
- Managed the development and implementation of NOC infrastructure, including the setup of monitoring systems, servers, and network equipment.

- Ensured the implementation of robust security protocols within the NOC to protect sensitive information and maintain compliance.
- Defined and managed project scope, objectives, and deliverables, collaborating with stakeholders.
- Oversaw project execution, identifying and addressing issues, ensuring projects remain on schedule and within budget, and maintaining high-quality standards.
- Fostered strong relationships with internal and external stakeholders, conducting regular updates and managing expectations throughout project lifecycles.
- Evaluated project risks, developed mitigation strategies, and managed scope changes effectively to minimize disruptions.

### **Assistant System Engineer**

April 2014–April 2018

TELECOMMUNICATION DEPARTMENT, Doha, Qatar

- Optimized network monitoring processes using Opentext Microfocus, achieving a 99.9% network uptime and reducing false positive alerts by 40%, significantly enhancing operational efficiency.
- Provide initial support for network and system disruptions, utilizing tools like BMC Remedy for effective ticket management and incident resolution which decreased average resolution time by 30% and improved customer satisfaction scores by 20%.
- Assist with the setup, configuration, and ongoing maintenance of network equipment and server infrastructure.
- Perform regular network health checks and system diagnostics to preemptively address potential issues.
- Collaborate with technical teams to troubleshoot and resolve network events, ensuring minimal service impact.
- Document and track network incidents, maintenance activities, and resolutions to enhance future troubleshooting efforts.
- Support security measures within the NOC, ensuring compliance with established protocols and responding to potential threats.

### **Network Support Engineer**

May 2012–March 2014

SPANCO BPO SERVICES LIMITED, Vashi, Navi Mumbai

- Provide first-level support for basic network issues, including troubleshooting Cisco routers, switches, and firewalls.
- Assist with diagnosing and resolving connectivity problems in LAN/WAN environments to ensure smooth network operations.
- Monitor network health and performance, escalating unresolved issues to Level 2 support teams.
- Perform routine network maintenance tasks, including configuring network devices under supervision.
- Support end-users with network-related issues and guide them through troubleshooting steps.
- Document network incidents, troubleshooting steps, and resolutions for future reference.
- Collaborate with team members and vendors to assist in setting up network hardware and ensuring compatibility.
- Follow security protocols and report potential threats or vulnerabilities.

## Certifications

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Certified Information Systems Security Professional (CISSP), ISC2	April 2027
Offensive Certified Professional (OSCP), Offsec	Present
Certified in Cybersecurity (CC), ISC2	November 2026
CCIE Service Provider, CISCO	September 2020
CCIE Enterprise Infrastructure, CISCO	September 2020
CCNP Routing and Switching, CISCO	September 2020
CCNA Routing and Switching, CISCO	September 2020
Microsoft Certified Professional (MCP), Microsoft	January 2015
Information Technology Infrastructure Library (ITIL V3)	December 2015

## Education

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IMPERIAL COLLEGE OF ENGINEERING AND RESEARCH, PUNE UNIVERSITY, India	April 2012
<b>Bachelor of Electronics and Telecommunication Engineering</b> <ul style="list-style-type: none"><li>Completed a four-year degree with distinction grades</li></ul>	

## Awards & Projects

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CVE-2024-36598 <a href="#">Unauthenticated Remote Code Execution (RCE)</a>	May 2024
CVE-2024-36597 <a href="#">SQL injection vulnerability</a>	May 2024
CVE-2024-36599 <a href="#">Cross-Site Scripting (XSS)</a>	May 2024
CVE-2024-44727 <a href="#">SQL injection vulnerability</a>	August 2024
CVE-2024-44728 <a href="#">Stored Cross-Site Scripting (XSS)</a>	August 2024

<b>Threat Detection Lab</b> ( <a href="https://github.com/sakshamtushar/thor-detection-lab">https://github.com/sakshamtushar/thor-detection-lab</a> ) This lab provides Docker-based deployments of several key security tools such as Splunk, Elastic SIEM, Cribl, n8n SOAR, and Shuffle.	September 2024
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<b>HoneyLogix</b> ( <a href="https://github.com/AslamMahi/HoneyLogix_HoneyPot">https://github.com/AslamMahi/HoneyLogix_HoneyPot</a> ) A flexible, visually-oriented honeypot designed to monitor and log IP addresses, usernames, passwords, and commands from various protocols, with current support for SSH and HTTP. Built using Python.	September 2024
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## Additional Skills

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### Penetration Testing

Experienced with numerous tools & methodologies used in penetration testing, Burp Suite Pro, Nmap, SQLmap, Nessus, Metasploit, winPEAS/linPEAS, feroxbuster/gobuster, OWASP Testing Guide.

### Communication

Excellent communication skills have allowed me to build great working relationship with numerous customers. Able to guide customer through the penetration testing process, answering questions about flaws found, and recommending mitigations based on their environment.

### Teamwork

Communicates ideas well within team. Can take initiative and delegate tasks effectively.

### Computing

Skilled at using most mainstream operating systems, such as Windows, Linux as well as Linux server variations.

### Programming

Python (Intermediate), PowerShell (Basic), Bash (Basic), SQL (Intermediate), PHP (Basic)