

Muhammed Askar

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Profile Summary

Results-driven Junior Cyber Security Analyst with 1.5+ years of combined experience in Security Operations Center (SOC) monitoring and hands-on penetration testing. Proven ability to enhance security posture through proficient use of industry-leading tools like Splunk, Wazuh, Burp Suite, Nessus, and Nmap. Expertise includes rapid SIEM alert triage, in-depth log analysis (endpoint, network, and system logs), and incident response support, with a focus on reducing false positives and accelerating threat detection. Adept at identifying and reporting critical web application vulnerabilities (XSS, SQLi, IDOR) based on OWASP best practices. Transferable Iqama and available for immediate joining.

Experience

Junior Cyber Security Analyst | Cyber Sapiens | Bangalore, India Oct 2024 – Sep 2025

- Monitored SIEM dashboards (Splunk, Wazuh) and conducted L1 alert triage.
- Performed log analysis on firewalls, endpoints, Windows Event Logs, Sysmon, and Linux audit logs.
- Investigated phishing attempts, analysing URLs, email headers, and attachments.
- Conducted vulnerability scans using Nessus and OpenVAS, tracking remediation progress.
- Conducted web application penetration testing (XSS, SQL Injection, IDOR) using Burp Suite.
- Assisted incident response teams with alert validation, prioritisation, and escalation.
- Analysed IOCs (malicious IPs, hashes, domains) to support Threat Intelligence operations.
- Contributed to SOC documentation, playbook updates, and detection rule improvements.

Cyber Security Intern | Whitehills International | Kerala, India Jan 2024 – Apr 2024

- Conducted penetration testing on 10+ client applications, identifying critical vulnerabilities (SQL Injection, XSS, RCE).
- Delivered detailed PoC reports and mitigation strategies, improving security compliance.
- Applied OWASP and industry best practices to testing workflows and reporting formats.
- Collaborated with technical stakeholders to validate fixes and support secure system hardening.

Education

Cyber Security and Ethical Hacking May 2024 – Aug 2024 Boston Institute of Analytics (BIA) Tamil Nadu, India

B. Tech in Computer Science Engineering Aug 2020 – Apr 2024 Hindustan Institute of Technology & Science Tamil Nadu, India

Technical Skills

Programming & Scripting: Python, Java, C, C++, HTML, CSS, JavaScript

Penetration Testing: Splunk, Wazuh, Nmap, Wireshark, Burp Suite, SQLmap, Dirb, Apktool, FFUF, Subfinder, Nessus, OpenVAS

Security Frameworks: OWASP, OSINT

Vulnerability Management: CVE understanding, CVSS scoring

Cloud Security: Basic AWS/GCP/Azure security concepts

Certifications

- **eJPT – eLearnSecurity Junior Penetration Tester (INE Security)** **Nov - 2025**

Projects & Practical Experience

- **Red Team Simulation Exercise:** Executed adversary emulation techniques to assess network intrusion resilience and evaluate incident response maturity.
- **Bug Bounty Contributions:** Conducted responsible disclosure of security vulnerabilities in web applications, helping organizations reduce exposure and strengthen security posture.

Academic Projects

Proxy Re-Encryption Scheme for Secure Data Sharing in Cloud **Apr 2024**

- Designed VF-AESPRE, integrating AES encryption with Trust Authority modules for enhanced data privacy.
- Improved encryption verification speed by 30%, optimizing secure data communication by 40%.

Graphical Password Authentication **Mar 2023**

- Developed a cutting-edge graphical password system, enhancing security protocols using visual patterns instead of traditional passwords, reducing password-related security incidents by 50%.
- Built the system using Python and Django, applying advanced encryption techniques to prevent brute-force attacks.