

# Muhammad Hassan Shaikh

Cybersecurity Specialist | VAPT & SOC | Cloud & Automation

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## Skills

- Cybersecurity:** VAPT (Web/App/Network) · Penetration Testing · OWASP Top 10 · Threat Modeling · SOC (L1/2) · SIEM Monitoring (Splunk) · Incident Response Support · Cost Optimization
- Cloud Security:** AWS (EC2, IAM, SG, S3) · Azure AD · Microsoft 365 Security · MFA · RBAC · IAM · Device/License Compliance
- Secure Automation:** Python · PowerShell · Bash · Secure Automation · AI Agent-Assisted Automation · Docker-Based Deployments
- Security Tools:** Burp Suite · Nmap · Nessus · Metasploit · Wireshark · OWASP ZAP · Splunk (SIEM) · Docker · Git · WSL · Jira · ClickUp
- Systems & Infrastructure:** Linux (Kali, Ubuntu, Mint, WHONIX), Windows (Server, Pro, Home)
- Programming Languages:** Python · SQL · PHP · Java · VB.NET · HTML/CSS
- Soft Skills:** Adaptability Communication · Critical Thinking · Problem-Solving Mindset · Team Collaboration

## Experience

<b>IT Executive (Cybersecurity &amp; IT Support) - SkillGigs / CloudLogically (Full-Time, Remote)</b>	Feb 2025 - Aug 2025
<ul style="list-style-type: none"><li>Performed production VAPT and led remediation for high-severity findings.</li><li>Recovered AWS-based outage within 48 hours by analyzing CloudWatch/CLI logs and identifying missing GET headers.</li><li>Improved Microsoft 365 security score by 15% through policy enforcement, MFA adoption, IAM hygiene, and device-level controls.</li><li>Reduced troubleshooting time by 30% across three regions (USA, Pakistan, India) by optimizing remote IT workflows and scripting.</li><li>Built PowerShell/Bash automation for device compliance and endpoint configuration.</li><li>Managed device inventory, Microsoft licensing, user onboarding/offboarding, and endpoint compliance.</li><li>Direct reporting to CloudLogically's CEO on a confidential project</li><li>Direct reporting to IT Administrator in weekly meetings</li></ul>	
<b>Cybersecurity Specialist - First Quadrant Labs (Practicum via BIA UK) (Contract, Remote)</b>	Feb 2025 - Aug 2025
<ul style="list-style-type: none"><li>Executed Red/Blue Team cryptocurrency exchange simulation to identify attacker TTPs and mitigation paths.</li><li>Led Secure Remote Access for remote staff; integrated encryption, MFA, and privacy controls.</li><li>Demonstrated and mitigated Host Header Injection under controlled testing, enabling secure patch pathway.</li><li>Designed encrypted communication framework for internal confidential data exchange.</li><li>Built consumer-grade internal VPN (no-log, Docker → VM → AWS EC2) to bypass CGNAT securely.</li></ul>	

## Key Projects (Internal Tools - Source Confidential)

### SaviourVPN - Consumer-Grade VPN (Docker → Ubuntu VM → AWS EC2)

- Zero-log, auto-purge, encryption, authentication IR/DR readiness, privacy-first architecture.

### SaviourPass - Encrypted Password Manager (Python GUI)

- Secure vaulting, encryption, MFA-ready, safe coding practices, designed for non-technical users.

### SaviourPenTest - Automated VAPT Framework

- Recon → Scan → Exploit → Report workflow; Automated or Manual

## Certifications and Achievements

- Certified Ethical Hacking (CEH)** - Government of Pakistan (PFTP) (Gold Medalist for Best Performance)
- Master Diploma in Cybersecurity & Ethical Hacking** - BIA UK (Distinction)
- ISO/IEC 27001:2022 Associate** - SkillFront
- Certified Red Team Operations Management (CRTOM)** - SkillFront
- Certified Cybersecurity Educator Professional (CCEP)** - SkillFront
- Certified Associate in Scrum Fundamentals (CASF)** - SkillFront
- Ethical Hacker** - Cisco (ongoing)
- Offensive Agents AI** - Red Team Leaders
- Intro to Cybersecurity** - Cisco
- Red Team Mastery** - Udemy
- Mastering AI Agents** - Udemy
- White-Hat Ethical Hacking** - Purple

## Education

<b>BSc (Hons) Information Technology - Cybersecurity Concentration</b>	Ongoing
<ul style="list-style-type: none"><li><b>Walsh College - USA   Current GPA: 3.9/4.0</b></li><li>Relevant Coursework: Cybersecurity, Cyber Threat and Risk Intelligence, Digital Forensics, IT, Business and Management</li></ul>	
<b>Master Diploma in Cyber Security and Ethical Hacking</b>	Sep 2024 - Oct 2025
<ul style="list-style-type: none"><li><b>Boston Institute of Analytics - UK   Score: 100/100</b></li><li>Relevant Coursework: Cybersecurity, VAPT, Offensive and Defensive Security, Security Governance, Reporting</li></ul>	
<b>Ordinary and Advanced Levels (GCE)</b>	Jun 2019 - Jun 2024
<ul style="list-style-type: none"><li><b>The City School DK Campus - PAK</b></li><li>Relevant Coursework: Computer Science Focus</li></ul>	

## Languages

- English** - Fluent
- Urdu** - Fluent