MAYANK PANDIT

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Professional Summary

Cybersecurity professional with 2+ years of experience in fraud operations and cyber risk investigations. Skilled in risk assessment, fraud investigation, account takeover (ATO), security controls, incident triage, reporting and documentation. Certified in ISC2 CC, CEH, and Google Cybersecurity with hands-on knowledge of diverse cybersecurity frameworks.

Professional Experience

Fraud Operations Analyst **May 2024 – Present**
Newfold Digital *Mumbai, India*

- Investigated 20,000+ high-risk transactions, account takeover (ATO), and identity verification cases with 97% decision accuracy, supporting enterprise fraud risk reduction.
- Performed risk assessments on payment activity while enforcing PCI DSS security controls across global payment workflows.
- Conducted fraud investigations using OSINT, transaction analysis, and cross-functional collaboration, contributing to a 25–30% reduction in fraudulent activity.
- Partnered with Sales, Payments, and Trust & Safety teams to resolve security escalations, improve investigation documentation, and reduce analyst workload by 40%.
- Produced evidence-based case documentation and communicated investigation outcomes to global stakeholders for consistent risk-based decision making.

Security Awareness Analyst **Feb 2024 – Mar 2024**
Mastercard (Forage) *Remote*

- Evaluated simulated phishing campaigns, increasing phishing awareness by 20% through targeted security initiatives.
- Recommended security awareness strategies for at-risk sectors, modeling a 15% reduction in phishing susceptibility.
- Documented phishing campaign findings and remediation recommendations.

Cybersecurity Intern **Sep 2023 – Oct 2023**
TechnoHacks EduTech *Remote*

- Executed Wireshark sniffing on an HTTP site to expose credentials, boosting vulnerability understanding.
- Audited network traffic using Nmap and Netdiscover, identifying vulnerable ports, improving vulnerability detection.
- Deciphered a hashed password with Hashcat, contributing to a 40% advancement in cryptographic analysis skills.

Projects

CyKit — *Python (Scapy, Google Auth, BeautifulSoup), Kali Linux, Metasploitable2*

- Engineered a cybersecurity toolkit, covering vulnerability identification, packet inspection, and security utilities.
- Automated security testing workflows, improving proficiency by 40% and contributing to a 15% reduction in threats.

Protectium — *Python (Flask), HTML, CSS, JavaScript, MySQL*

- Designed a MFA system enforcing three authentication factors, increasing security metrics by 40% in testing.
- Demonstrated usability alongside security controls, achieving a 15% increase in positive feedback and engagement.

Skills

Governance, Risk & Compliance (GRC): Risk Assessment, Security Controls, ISO/IEC 27001, NIST CSF, PCI DSS, GDPR, Internal Audit Support, Documentation
Fraud & Security Operations: Transaction Monitoring, Account Takeover (ATO), Identity Verification, Fraud Trend Analysis, OSINT, Data Analysis, Incident Triage, SIEM, Log Analysis, SOC, Splunk, Chronicle, IAM
Security Tools & Networking: Wireshark, Nmap, Burp Suite, Snort, Metasploit, TCP/IP, OSI Model, OWASP Top 10, Linux, EDR, Vulnerability Management, MITRE ATT&CK, Incident Response
Programming: Python, SQL, Bash, JavaScript, HTML, CSS, PHP, Excel, Power BI, Git, Automation
Soft Skills: Analytical Thinking, Attention to Detail, Stakeholder Communication, Collaboration, Growth Mindset

Education

Bachelor of Engineering in Computer Science — CGPA: 9.02 **2019 – 2023**
Atharva College of Engineering, University of Mumbai *Mumbai, India*
Relevant Coursework: Database Management, Machine Learning, Cryptography, Digital Forensics, Cloud Computing

Awards & Certifications

Ace of Initiative Award — *Newfold Digital*
Certified Ethical Hacker (CEH v12) — *EC-Council*
Certified in Cybersecurity (CC) — *ISC2*
Cybersecurity Professional — *Google*