

MAYANK PANDIT

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Portfolio

Experience

Newfold Digital

May 2024 – Present

Fraud Operations Analyst

Mumbai, India

- Tackled domain-related fraud and account takeovers by evaluating high-risk global transactions, maintaining over 97% decision accuracy across 10,000+ reviews and reducing team workload by 40%.
- Collaborated with a cross-functional global teams, ensuring PCI DSS compliance and cohesive fraud mitigation across diverse payment gateways
- Delivered real-time support to the sales team during escalations, troubleshooting transaction blocks and account verification issues, enhancing customer satisfaction and operational efficiency.
- Conducted fraud investigation audits using OSINT tools and interdepartmental collaboration, contributing to a 25–30% drop in fraudulent activity and enhancing early-stage threat detection and response.

Mastercard

Feb 2024 – Mar 2024

Cybersecurity Analyst

Remote

- Strengthened team's phishing awareness by 20% through analyzing and improving phishing email creation processes.
- Evaluated key areas for security training improvement through the execution of simulated phishing campaigns.
- Implemented targeted strategies for at-risk business sectors, reducing susceptibility to phishing attacks by 15%.

TechnoHacks EduTech

Sep 2023 – Oct 2023

Cybersecurity and Ethical Hacking Intern

Remote

- Executed Wireshark sniffing on an HTTP site to uncover credentials, boosting vulnerability understanding.
- Audited networks using Nmap and Netdiscover, identifying open 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, Windows, Metasploitable2*

Apr 2024

- Engineered 18 diverse projects, showcasing a 60% increase in project coverage compared to industry standards.
- Increased technical proficiency through hands-on projects, resulting in a 40% improvement in cybersecurity skillset.
- Contributed to the cybersecurity landscape with practical solutions, with reduction in digital threats by 15%.

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

Mar 2024

- Designed a web-based Multi-Factor Authentication system (MFA) for robust security and convenience of the users.
- Formulated MFA for user convenience, resulting in 25% more positive feedback and a 15% increase in engagement.
- Enforced 3 factors of authentication (text-based, shaped-based, graphical), increasing security metrics by 40%.

Education

Atharva College of Engineering

Jul 2019 – Jun 2023

Bachelor of Science in Computer Science | CGPA: 9.02

Mumbai, India

Relevant Coursework: Algorithms Analysis, Database Management, Operating Systems, Machine Learning, Cryptography, Digital Forensics, Cloud Computing

Skills

Languages: Python, Java, C, C++, HTML, CSS, JavaScript, SQL, PHP, Bash

Operating Systems: Windows, Linux, MAC OS, Android, iOS



Security Tools: MySQL, Splunk, Chronicle, Snort, Metasploit, Burp Suite, Nmap, Wireshark, SQLMap

Development Tools: PyCharm, VS Code, GitHub, Google Colab, Android Studio

Technical Proficiencies: Networking, TCP/IP Model, OSI Model, OWASP Top 10, Malware Analysis, National Institute of Standards and Technology (NIST), ISO/IEC 27001, PCI DSS, General Data Protection Regulation (GDPR), Risk Assessment, Security Information and Event Management (SIEM), Vulnerability Management, Incident Response, Penetration Testing, Report Writing, Security Operations Center (SOC), Data Analysis, Machine Learning, Automation

Soft Skills: Communication, Time Management, Collaboration, Analytical Thinking, Team Player, Growth Mindset

Certifications

Certified Ethical Hacker (CEH V12) | EC-Council 
Cybersecurity Professional Certificate | Google 

Certified in Cybersecurity (CC) | ISC2 
Introduction to Cybersecurity | CISCO 