Pavithran CJ

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SUMMARY

Cybersecurity Analyst with hands on experience in cloud security (GCP, AWS), threat detection, and mobile application testing. Skilled in using tools like MobSF, Wazuh, Burp Suit, Nmap and Frida to identify vulnerabilities based on OWASP Top 10. Strong foundation in API testing, CI/CD pipelines, and secure coding. Known for unique problem-solving, clear communication, and a strong grasp of secure development practices.

EXPERIENCE

Vosyn   Apr 2025 – Present

Cybersecurity Analyst

- Integrated Wazuh SIEM with Google Cloud Platform (GCP), enhancing real-time threat detection and log visibility across cloud assets, improving incident response times by 30%.
- Conducted in-depth research using tools like Amass, Burp Suite, and OWASP ZAP to strengthen external threat intelligence, identify vulnerabilities, and map attack surfaces across web and cloud assets.
- Applied 40+ hours of GCP security training to support the development of secure cloud protocols, strengthening IAM configurations and network segmentation.
- Collaborated with senior engineers to monitor and remediate cloud-based incidents, contributing to a 25% reduction in misconfigurations in compliance with ISO 27001 and NIST 800-53 standards.

Cognizant   Feb 2021 - Apr 2023

Programmer Analyst

- Led internal training on the Craft framework, achieving an 80% increase in automation testing efficiency
- Led API testing efforts in agile teams using Postman, ensuring rapid feedback in 10-day iteration cycles.
- Designed and executed API and UI test cases, resulting in a 30% reduction in post-deployment issues and improved software quality.
- Streamlined regression testing by creating reusable scripts within the Craft framework, cutting testing time by 40% and accelerating delivery.

PROJECTS

OWASP TOP 10 Mobile Application Vulnerability

- Conducted static and dynamic analysis on a vulnerable APK using various tools like Frida, Mobsf, JADX, identifying key vulnerabilities from OWASP top 10 to assess security weaknesses
- Utilized Genymotion and Android Studio to run the APK in a controlled environment, allowing for in-depth exploration of vulnerabilities and providing recommendations for mitigation strategies

Phishing Attack

- Developed phishing simulation using cloned social media sites and Python scripts to capture credentials via Ngrok tunneling, effectively demonstrating credential harvesting risks and user behavior analysis.

EDUCATION

Seneca College, Toronto   May 2024 - Dec 2024

Post Grad Degree - Cyber Security and Threat Management

George Brown College, Toronto   May 2023 - Dec 2023

Post Grad Degree - Analytics for Business Decision Making

Sri Ramakrishna Engineering college   Apr 2017 - Mar 2021

Bachelor's Degree - Computer Science and Engineering

SKILLS & CERTIFICATES

- Certifications & Security: **CompTIA Security+**, Network Security, Application Security, Mobile App Security, MITRE Framework, NIST
- Cloud & DevOps: AWS Cloud, GCP, Cloud Security, CI/CD Pipelines
- Programming & Tools: Python, Java, C, R, SQL, Selenium, Splunk, Wireshark, Burpsuit, Wazuh, Nmap
- Data & Reporting: Power BI, Power Query, Microsoft Excel, Word, PowerPoint
- Testing & Methodologies: API Testing (Manual & Automation), Postman, Agile, Craft