AKASH JALAPATI

SOC ANALYST

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PROFESSIONAL SUMMARY

Results-oriented SOC Analyst with hands-on experience in security monitoring, incident response, and threat analysis within enterprise environments. Skilled in using SIEM tools (Splunk, ELK) for log analysis, vulnerability assessment, and threat detection to minimize risks. Proficient in Python scripting and automation for streamlining investigations, with additional expertise in ethical hacking, penetration testing, and Android application security. Strong collaborator with experience in Agile/Scrum workflows, adept at incident reporting, documentation, and cross-functional coordination. Demonstrates a problem-solving mindset, adaptability to emerging cyber threats, and commitment to strengthening organizational security posture.

EXPERIENCE

SOC Analyst Intern, 11/2024 - 03/2025
Digit Defence – Bengaluru, India
Roles and Responsibilities:

- Monitored and analyzed security events using SIEM tools (Splunk/ELK) to detect and investigate potential threats.
- Conducted network enumeration and vulnerability scanning using tools such as Nmap and Nessus.
- Supported incident response by performing log analysis, triage, and escalation of security incidents.
- Assisted in penetration testing, system hardening, and application security testing to identify and mitigate risks.
- Documented incidents, investigation findings, and remediation steps for reporting and knowledge sharing.
- Collaborated with cross-functional teams in an Agile/Scrum environment to deliver Proof-of-Concept (POC) security projects.
- Utilized Python scripting for automation and log parsing to streamline security monitoring processes.
- Gained practical exposure to ethical hacking, reverse engineering basics, and secure coding practices.

TECHNICAL SKILLS

- **Security Monitoring & Analysis:** SIEM Tools (Splunk, ELK), Log Analysis, Threat Detection, Incident Response

- **Cybersecurity Practices:** Ethical Hacking, System Hardening, Secure Coding, Reverse Engineering Basics

- **Collaboration & Workflow:** GitHub (Version Control), Agile/Scrum Tools, Google Meet for Coordination

- **Vulnerability & Penetration Testing:** Nmap, Nessus, Metasploitable, Android Application Security Testing

- **Programming & Automation:** Python Scripting, JSON Parsing, API Integration, Automation for Log Parsing & Reporting

- **Other Skills:** Incident Documentation, Root Cause Analysis, Debugging, Report Writing

EDUCATION

Central Board of Secondary Education: 05/2017
St. Andrews High School - Hyderabad, India
- 8.4 GPA/CGPA

Bachelor of Technology: Electrical, Electronics And Communications Engineering, 07/2023
Mallareddy Institute of Technology - Hyderabad, India
- 6.4 GPA/CGPA

Telangana State Board of Intermediate Education: 03/2019
Gowtham Junior College - Hyderabad, India
- Final Grade: 80%

PROJECTS

Mini Project – Device Enumeration and Vulnerability Analysis
- Performed network enumeration on a vulnerable system (Metasploitable) to identify open ports, running services, and potential security flaws.
- Applied vulnerability scanning tools to detect weaknesses and documented findings for further mitigation.
- Gained practical experience in ethical hacking, penetration testing concepts, and system hardening techniques.

Major Project – Android Application Security (Android Hacking)
- Designed and deployed an Android application using Genymotion emulator for testing purposes.
- Conducted Android hacking and penetration testing to uncover application vulnerabilities and data security issues.
- Explored mobile application security, reverse engineering, and secure coding practices to improve overall app resilience.