ANIT KURIAN

Application Security Engineer | DevSecOps | SAST • DAST • SCA

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PROFESSIONAL SUMMARY

Application Security Engineer with 3 years of experience securing production applications through hands-on manual testing and risk-driven vulnerability management. Proven ability to embed security into development workflows and drive effective remediation at scale. Strong at aligning security and engineering through practical guidance, automation, and DevSecOps practices.

PROFESSIONAL EXPERIENCE

Information Security Engineer

eSec Forte Technologies | Jan 2023 – Present

- Led end-to-end application security operations across **20+ web and enterprise applications**, covering SAST and SCA.
- Led end-to-end implementation of application security tools across **multiple client environments**, defining DevSecOps processes to improve security integration and delivery efficiency.
- Integrated **SAST/SCA and DAST scanners into CI/CD pipelines for 15+ clients**, reducing late-stage vulnerability discovery by **~40%**.
- Identified, triaged, and supported remediation of **vulnerabilities**, including OWASP Top 10 issues, through manual testing and source code review for more than 1500+ repositories.
- Reduced **false positives by ~30%** by tuning scan configurations and improving triage workflows.
- Defined and supported **vulnerability lifecycle management**, including severity classification, SLA tracking, and fix verification.
- Delivered **secure coding and tool enablement sessions** to development teams, improving remediation quality and turnaround time.
- Supported **software composition analysis** by reviewing open-source dependencies and licenses (MIT, Apache, GPL, LGPL), assisting with risk-based remediation decisions.
- Contributed to DevSecOps maturity by embedding security controls without impacting release velocity by integrating the right security tools and practices.
- Automated repetitive security operations using **Python and shell scripting and making use of APIs**, reducing manual effort.

Student Intern – Cybersecurity & Forensics

Kerala Police Academy | Jun 2022 – Jul 2023

- Conducted **web application security assessments** using open-source tools, identifying common vulnerabilities such as injection flaws, authentication issues, and misconfigurations.
- Participated in **hands-on labs, simulations, and security workshops**, gaining exposure to real-world cybercrime investigation processes.

EDUCATION

Master of Science (M.Sc.) in Cyber Security
Amity University Rajasthan | 2021 – 2023
Bachelor of Science (B.Sc.) in Cyber Forensics
Mahatma Gandhi University | 2018 - 2021

TECHNICAL SKILLS

Application Security
SAST, DAST, SCA, Manual Web Application Testing, API Security, OWASP Top 10

DevSecOps & Secure SDLC
CI/CD Security Integration, Secure Build Pipelines, Git, Vulnerability Lifecycle Management

Security Testing Tools
Checkmarx, Burp Suite, HCL AppScan, Acunetix, Invicti, Fortify, Snyk

Scripting & Automation
Python, Shell Scripting, API-Based Automation

CERTIFICATIONS

- Certified Ethical Hacker (CEH)
- Microsoft Certified: Azure Fundamentals
- Checkmarx Certified Partner Professional Services Engineer
- Snyk Certified Technical professional
- Snyk Certified Implementation Professional
- Tenable Certified Sales Engineer (TCSE)
- Saviynt Certified Identity Security for AI Age
- Saviynt PAM Level 100