

ANIT KURIAN

Application Security Engineer | DevSecOps | SAST • DAST • SCA

Bengaluru, Karnataka, India

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PROFESSIONAL SUMMARY

Application Security Engineer with 2 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

- Owned end-to-end application security operations across **20+ web and enterprise applications**, covering SAST and SCA.
- 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.
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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

AST, 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